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January 25, 2008

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Subject: January 25, 2008 Processing Area Deliverable, OU2 Draft Data Summary Report

Dear Mr. Peronard, Ms. Hernandez, and Mr. Raney,

CDM is pleased to submit the Draft OU2 Data Summary Report. CDM looks forward to receiving your comments on this document. Please keep in mind that for the Draft Final version to be delivered according to the project schedule, CDM will need to receive your comments on this Draft by February 4<sup>th</sup>. If you have any questions or concerns, please call me at (720) 264-1121.

Very truly yours,



Dee Warren  
CDM Federal Programs Corporation

Cc: Chris Weis, EPA  
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## Libby Asbestos Site

Libby, Montana

*Operable Unit 2 – Former Screening Plant,  
Rainy Creek (Lower Reach), Flyway, Wise  
Property, Rainy Creek Road Frontage,  
and Kootenai Bluffs Subdivision*

January 25, 2008

The background of the cover features a scenic landscape of a river flowing through a valley with steep, forested mountains. In the foreground, there is a rocky riverbank. A wavy blue line separates the landscape from a construction site. The construction site shows a yellow excavator and a blue dump truck working on a dirt area. The excavator is dumping material into the truck's bed. A large plume of dust or steam is rising from the work area. The construction site is bordered by a body of water on the right and a forested hill on the left.

# DRAFT REPORT



**Draft Data Summary Report**  
**Operable Unit 2 - Former Screening Plant and**  
**Surrounding Area**  
**Libby Asbestos Site**  
**Libby, Montana**

**January 25, 2008**

Contract No. DTRT57-05-D-30109  
Task Order No. 00006

Prepared for:

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# Acronyms and Abbreviations

BNSF	Burlington Northern Santa Fe
bgs	below ground surface
C	Chrysotile
C	(suffix in Sample Identifier) coarse sample portion
CDM	CDM Federal Programs Corporation
cm <sup>2</sup>	square centimeter
COC	chain-of-custody
DQO	data quality objective
EPA	U.S. Environmental Protection Agency
FG	fine ground sample portion
ft <sup>2</sup>	square foot
Grav	gravimetric
ID	identifier
KDC	Kootenai Development Company
LA	Libby Amphibole asbestos
L	liters
MCL	Maximum Containment Level
N	north
N/A	not applicable
ND	non-detect
NIOSH	National Institute for Occupational Safety and Health
OA	Other Amphibole
OU	operable unit
PCB	polychlorinated biphenyls
PLM	polarized light microscopy
PLM-9002	NIOSH 9002 polarized light microscopy method
QA/QC	quality assurance/quality control
QC	quality control
RI	remedial investigation
ROW	right-of-way
S/cc	Structures per cubic centimeter
S/cm <sup>2</sup>	Structures per square centimeter
SAP	sampling and analysis plan
site	former Screening Plant site and surrounding area
SQAPP	Phase 1 Sampling and Quality Assurance Project Plan
SRC	Syracuse Research Corporation
SOP	standard operating procedure
SVOC	semi-volatile organic compounds
TAL	target analyte list
TPH	petroleum hydrocarbons
TR	trace



## Acronyms and Abbreviations (continued)

u	micron
VE	visual area estimation
VCS	vermiculite-containing soils
VOC	volatile organic compounds
Volpe Center	John A. Volpe National Transportation Systems Center
W.R. Grace	W.R. Grace and Company
%	percent
<	less than
>	greater than
≥	greater than or equal to

# Section 1

## Introduction

### 1.1 Objective

This data summary report presents details of investigation and removal activities conducted by the U.S. Environmental Protection Agency (EPA) and by W.R. Grace and Company (W.R. Grace) at the former Screening Plant site and surrounding area (site), operable unit (OU) 2, in Libby, Montana (Figure 1-1).

The objectives of each of the previous investigation efforts have been to determine the nature and extent of Libby amphibole asbestos (LA) contained within various site media: soil, dust, personal air, indoor and outdoor ambient air, and bulk materials. This report also summarizes cleanup activities conducted at the site. The purpose of these removal actions has been to remove either asbestos contaminated buildings from the site and/or remove LA-containing soil that created potential sources of exposures to site users.

The information contained in this report is intended to assist with remedial investigation (RI) decision-making in order to reach site close-out. Specifically, the information presented in this summary will be used to determine if additional sampling is required to fill any data gaps required to complete a risk assessment and/or RI specific to OU2. This will be accomplished by comparing the existing data set to the conceptual site model to determine if any media of concern remain to be evaluated. Any media that is determined to require additional sampling will be sampled using current site protocols, which will be detailed in an investigation-specific sampling and analysis plan (SAP).

A data gap analysis will be performed and submitted to EPA for review that will include a comparison of the previously sampled media and removal actions to the current conceptual site model. The final version of the data gap analysis will be used to develop a SAP, that when implemented, will collect data to fill gaps specific to any potential contaminated media of concern as illustrated in the conceptual site model. This data gap analysis is not intended to fill gaps (i.e., epidemiological or toxicity studies) other than sample collection specific to OU2 or media other than those shown in the conceptual site model.

### 1.2 Site Location

The site was historically owned and used by W.R. Grace for stockpiling, staging, and distributing vermiculite and vermiculite concentrate to vermiculite processing areas and insulation distributors outside of Libby. Because vermiculite mined from Libby has been found to be contaminated with LA, a known human health risk, EPA initiated an emergency response action in November 1999 to address questions and concerns raised by citizens of Libby regarding possible ongoing exposures to asbestos fibers as a result of historical mining, processing, and exportation of asbestos-containing vermiculite. The Environmental Engineering Division (RTV-4E) of the

John A. Volpe National Transportation Systems Center (Volpe Center) was tasked by EPA Region 8 to provide emergency response and remedial program support for the Libby Asbestos Project. This report summarizes each of the investigation activities and subsequent cleanups that have occurred at OU2 between 1999 and 2006.

The exact geographic area of OU2 has not yet been defined, but includes areas impacted by contamination released from the former Screening Plant. These areas include the former Screening Plant, Rainy Creek (Lower Reach), Flyway, Wise Property, Rainy Creek Road Frontage, Kootenai Bluffs Subdivision. The Kootenai Bluffs Subdivision area is located directly across the Kootenai River from the former Screening Plant. Each of the sub areas of OU2 are depicted in Figure 1-2.

### 1.3 Conceptual Site Model

The Libby Superfund Site has been subdivided into seven OUs to facilitate a phased approach to cleanup. The former Screening plant and general surrounding area is designated as OU2, as illustrated on Figure 1-3. Historically, the potential human receptors were workers involved with vermiculite processing at the site, both indoors in facility buildings and outdoors during transportation. Current and future potential receptors are commercial workers and tradespersons involved with the construction of new facilities or installation of new utilities within the boundary of OU2. Current and future recreational visitors and residents are also potential receptors at the OU. The conceptual site model for OU2 is depicted in Figure 1-4.

At the former screening plant, all buildings were demolished during removal activities. Two new buildings were constructed within the boundaries of the former screening plant after removal actions were completed. Following removal actions at the Kootenai Bluffs Subdivision area, one house was constructed and other lots in the area are currently for sale, indicating that additional homes may be constructed in this area in the future.

Both surface and subsurface soils containing visible vermiculite and/or detectable concentrations of LA may remain a primary source of contamination, although confined to certain areas of the site. Areas of residual contamination from removal activities (i.e., visible vermiculite and/or detectable LA at depth), as well as contamination that has not yet been addressed, are shown on Figure 1-5 and Figure 1-6 and discussed in Section 1.5.

Ecological receptors and environmental impacts will be characterized as part of OU4, which includes residential and commercial properties within the Libby Superfund Site. The potential exposure pathways related to inhalation of fibers released from intentional burning of wood for residential winter heat sources or forest fires will be evaluated as part of OU3.

Based on the conceptual site model, the potential contaminated media of concern for OU2 include: outdoor air near highways and rail lines, indoor air, dust in air of vehicles, outdoor air near disturbed soil, general (ambient) outdoor air, and inhalation of dust in air from disturbances of roofing or other outdoor surfaces.

## 1.4 Status of the Site

As mentioned in Section 1.3, surface and subsurface soils containing visible vermiculite and/or detectable concentrations of LA remain at OU2 and may pose a risk to human health.

In addition to showing the portions of the site where contaminated soils have been removed, Figures 1-5 and 1-6 also show areas of residual contamination in subsurface soils. It should be noted that analytical results of confirmation soil samples collected within the excavated areas indicate LA is present at depth at concentrations equal to or below EPA's action level for soil, as detailed in Section 2.

Vermiculite-containing soils (VCS) may also be present across the surface of the site because the presence of visible vermiculite in low amounts was not a clean-up trigger at the time the removals were conducted.

Residual contamination is present in each sub-area of OU2 as described below:

- The majority of residual contamination is present at greater than or equal to ( $\geq$ ) 4 feet below ground surface (bgs) within the former Screening Plant area north of Rainy Creek and in several isolated areas less than ( $<$ ) 4 feet bgs. In general, removal activities in this area were pre-established to 4 feet bgs and contamination was encountered at this depth. The area south of Rainy Creek also has residual contamination; however, a more targeted removal approach was applied to this area and residual contamination ranges between the surface and 4 feet bgs.
- The majority of the excavated areas within the Flyway met EPA's clearance criteria ( $< 1\%$  LA at depth) at depths varying from  $< 1$  foot bgs to greater than ( $>$ ) 4 feet bgs. However, LA concentrations  $\geq 1$  percent (%) have been detected in confirmatory soils at the east boundary of the Flyway within the Highway 37 North (N) right-of-way (ROW) at depths up to 2 feet, respectively (Figure 1-5).
- The majority of the Wise Property does not contain residual contamination; however, one confirmation soil sample collected along the north portion of the property contained  $< 1\%$  LA at a depth of 1 foot bgs.
- Residual contamination is present along the Rainy Creek Road Frontages at a depth between 1 and 2 feet bgs.
- The majority of the excavated areas within the Kootenai Bluffs Subdivision met EPA clearance criteria at depths between 1 and 4 feet bgs. However, samples collected from unexcavated portions of the area in the vicinity of the conveyor unloading station indicate concentrations of LA  $\geq 1\%$ . Figure 1-6 indicates locations within the Kootenai Bluffs Subdivision where visible vermiculite has been observed and documented by field personnel; lack of such notation is not an indicator that vermiculite was not observed and/or is currently not present.

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## Section 2

### Site Activities

Multiple investigation, pre-removal, removal, removal planning, and restoration activities have occurred at the site to date. Each of the following activities is summarized in this section:

Date of Investigation/Action	Investigation/Action Activity
<b>Former Screening Plant</b>	
1999, December	Investigation soil sampling
2000, March	Investigation soil sampling
2000, July	Investigation soil sampling
2000, March	Investigation dust sampling
2000, August	Investigation soil sampling
2000, August to November	Removal activities
2000 to 2003	Investigation soil sampling (fill material)
2001, March	Investigation soil sampling
2001, April and May	Investigation soil sampling
2001, April to November	Removal activities
2002, August to November	Removal activities
2002, August to November	Restoration activities
2003, March	Investigation soil sampling
2003/2004, September and August	Removal activities
2003, March and April	Water well installation activities
2006, April and May	Water well installation activities
<b>Flyway</b>	
2000, March	Investigation soil sampling
2000, July	Investigation soil sampling
2000, September	Investigation soil sampling
2000, October	Removal activities
2001, March	Investigation soil sampling
2001, May to July	Investigation soil sampling

Date of Investigation/Action	Investigation/Action Activity
2001, September	Removal activities
2002	Removal activity planning
2003, July	Investigation soil sampling
2004, July to October	Removal activities
2005, June	Investigation soil sampling
2005, June	Removal activities
<b>Wise Property</b>	
2000, April	Investigation soil sampling
2000, July	Investigation soil sampling
2000, October	Removal activities
2005, June	Removal activities
<b>Rainy Creek Road Frontages</b>	
2003, May	Investigation soil sampling
2003, November	Removal activity
2004, August to October	Removal activity
2006, August	Removal activity
<b>Kootenai Bluffs Subdivision</b>	
1999, December	Investigation soil sampling
2000, March	Investigation soil sampling
2001, March	Investigation soil sampling
2001, July	Investigation soil sampling
2001, August to November	Removal activities
2003, September	Investigation soil sampling
2003, July	Activity-based sampling activities
2006, April	Investigation soil sampling

According to EPA's Residential/Commercial Cleanup Action Level and Clearance Criteria Technical Memorandum (EPA 2003a), no site-specific cleanup criterion currently exists for LA in air. Further, decisions regarding future remedial investigation or removal activities at the site are not dependent upon results of air samples collected in association with previous removal work. As such, personal and

engineering control air monitoring data is not discussed in this report; however, available results are provided in Appendix A for informational purposes.

The field documentation used to compile this report can be found on CDM Federal Programs Corporation's (CDM's) e-room at [https://team.cdm.com/eRoom/R8-RAC/Libby/0\\_5209](https://team.cdm.com/eRoom/R8-RAC/Libby/0_5209). Information recorded on field sample data sheets is stored in the Libby2 project database and can be queried upon request.

## 2.1 Former Screening Plant

### 2.1.1 Site Background

#### *Former Screening Plant*

The former Screening Plant is located approximately 5 miles northeast of Libby on the east side of the Kootenai River (Figure 1-2). The area is approximately 21 acres in size, and is bordered by Montana Highway 37 N to the northeast, the Wise property to the southeast, Kootenai Development Company (KDC) property to the south, and the Kootenai River to the west.

The screening plant was utilized for many years by W.R. Grace to screen mined vermiculite by size and grade. The vermiculite was transported from the mine to the site by truck, sorted, and bulk stored in two sheds at the facility. The vermiculite was then loaded onto a conveyor system and transported across the Kootenai River to a conveyor unloading station. Once the vermiculite was transported across the river, it was either trucked to the local export plant (OU1) for processing and shipping or loaded onto rail cars for transportation and distribution to expansion plants outside of Libby.

The former Screening Plant was most recently used as a fully-operational retail nursery (Raintree Nursery) business where plants, flowers, and trees were grown, stored, and sold. Related plant-care items were also stored and sold at the nursery. The owners of the property lived on the site in a one-story structure that served both as an office and a residence. The largest structure on the property was the referred to as the long shed. Approximately one-third of the long shed was used to store nursery supplies, tools, and equipment for the nursery business; the remaining two-thirds were leased to outside parties for storing recreational vehicles, trailers, boats, automobiles, and other items. Five greenhouses were used for growing plants, flowers, and shrubs, and a number of smaller buildings and support structures were used in the nursery operation. Two reinforced concrete tunnels were used to grow mushrooms that were shipped to the Far East for use as medical treatments. A number of steel tanks, hoppers, silos, and other remnants of the former mining operations at the former Screening Plant were stored at the site.

Due to the LA asbestos contamination associated with vermiculite from the Libby mine, the former Screening Plant has undergone extensive investigation and remediation since EPA began emergency response activities in Libby in 1999.

The property is currently privately owned by and is being used for residential purposes. It is anticipated that the property will continue to be used for residential and/or commercial purposes.

### ***Rainy Creek***

Rainy Creek headwaters form in the Kootenai National Forest, approximately 3 miles north of Vermiculite Mountain (United States Geological Survey 1983). Rainey Creek flows perennially, with discharge into the Kootenai River. For the purposes of this report, only the lower reach – the portion extending from Highway 37 N to the Kootenai River – is discussed. This lower reach, owned by the State of Montana, is shown on Figure 1-2. Data gap analysis and potential future cleanup of the upper reach of Rainy Creek will be addressed as part of OU3 activities.

Limited information exists regarding the historic use of lower Rainy Creek. The lower reach, similar to the upper reach, may have been used as a fishery at some point in its history.

Remediation of lower Rainy Creek, including its banks, was completed in 2003 in conjunction with restoration at the former Screening Plant property. All discussions regarding investigation and removal activities for the lower reach of Rainy Creek are discussed within the sections detailing investigation activities performed at the former Screening Plant. It is expected that Rainy Creek will continue to sustain a viable fish population; however, it is unknown whether public access to the lower reach will be allowed in the future.

During remediation, lower Rainy Creek was restored with several step pools to facilitate fishery migration. The records maintained by the Montana Department of Natural Resources and Conservation for ownership of state water rights indicate that the current owners of the former Screening Plant claim provisional water rights to divert surface water from Rainy Creek for irrigation, industrial, and commercial uses. The owners also own the riparian property rights associated with the riparian lands along lower Rainy Creek.

### **2.1.2 Investigation – Soil Sampling – December 1999**

In December 1999, site characterization began at the former Screening Plant and a comprehensive sampling program was conducted. A 100-foot by 100-foot grid was staked out on the site and soil samples were collected from each grid from two depths: a surface sample from 0 to 2 inches bgs, and a subsurface sample from 2 to 12 inches bgs. As sampling continued at the site, it was determined that widespread contamination was present and that this sampling strategy could delay removal activity; therefore, it was not practical to continue sampling so extensively. As directed by the EPA, the sampling program was altered in order to meet the removal objectives for 2000.

A total of 71 surface soil samples and eight surface field duplicate samples were collected. A total of 14 subsurface soil samples and one subsurface field duplicate were collected. All samples collected as part of this investigation were handled and

analyzed in accordance with the modified Sampling and Quality Assurance Project Plan (SQAPP) for Environmental Monitoring for Asbestos (here forth referred to as the Phase 1 SQAPP) (EPA 1999). Soil samples were analyzed using National Institute for Occupational Safety and Health (NIOSH) polarized light microscopy 9002 method (PLM-9002) (NIOSH 1994). Samples were collected from suspected piles of vermiculite, the residential yard, and numerous other locations at the site.

The location and results for samples collected during this investigation are presented in Figure 2-1. Results from the soil sampling indicate that 75 of the samples contained detectable concentrations of LA ranging from < 1 to 4% LA. All remaining results were non-detect (ND) for LA. Table 2-1 summarizes the samples collected within the defined boundary of the former Screening Plant during this investigation.

### **2.1.3 Investigation - Soil Sampling - March 2000**

In March 2000, as directed by EPA, a total of 19 soil samples and two field duplicates were collected from the north portion of the Former Screening Plant. These samples were collected from stockpiled vermiculite and other areas not previously investigated in December 1999. Similar to December 1999, two different sample depths, ranging between 0 to 2 inches bgs and 2 to 12 inches bgs, were established at most sample locations. All samples were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a).

The location and results for samples collected during this investigation are presented in Figure 2-1. Results from the soil samples analyzed by PLM-9002 indicate that 18 of the samples contained detectable concentrations of LA ranging from < 1 to 5%. The results for the remaining samples were ND for LA. Table 2-2 summarizes these sample results.

### **2.1.4 OU2 Site-wide Investigation, Eastern Portion - Soil Sampling - July 2000**

In July 2000, a total of 36 soil samples were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a) to characterize areas not previously investigated in December 1999. This investigation activity was part of a site-wide soil sampling effort along the east portion of OU2 and included the former Screening Plant, the Wise Property, and the Flyway. In general, these samples were collected either along the eastern boundary of these sites or along the east bank of the Kootenai River:

- A total of 20 of these samples (1-01661 through 1-01680) were collected along the eastern boundary of the former Screening Plant
- Four of these samples (1-01681 through 1-01684) were collected within the defined boundary of the Wise property
- Six of these samples (1-01685 through 1-01690) were collected along the eastern edge of the defined boundary of the Flyway



- Six of these samples (1-01691 through 1-01696) were collected along the eastern bank of the Kootenai River within the southern portion of the former Screening Plant and central portion of the Flyway

Surface and subsurface soil samples were collected at each location and depths ranged between 0 to 2 inches bgs and 2 to 12 inches bgs, respectively.

The location and results for samples collected during this investigation are presented in Figure 2-1. Results from the soil samples analyzed by PLM-9002 indicate that 20 of the samples contained detectable concentrations of LA ranging from < 1 to 2%. The results for the remaining samples were ND for LA. Table 2-3 provides a summary of samples collected during this investigation.

### **2.1.5 Investigation - Dust Sampling - March 2000**

According to the Screening Plant Removal Action Work Plan (RAWP) (CDM 2003b) the long shed was a 39,200-square foot (ft<sup>2</sup>), partially open shed, with an average wall height of 30 feet. The long shed was the largest building at the property and was located southwest of the owner's residence and main office, as shown in Figure 2-1. The long shed was constructed in a cut slope on the property and was used to store various items.

On March 15, 2000, five dust samples were collected from various items, such as cars and boats, stored in the long shed to determine if dust within the building was contaminated with LA. The samples were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a),

The results of dust sampling indicated amounts of LA ranging from 16,984 to 670,852 structures per square centimeter (S/cm<sup>2</sup>). Due to the high dust concentrations of LA, items within the shed were not salvageable and were left in place for disposal. During soil removal activities, the long shed was used to store contaminated soil. The building was later demolished in 2001, as reported in Section 2.2.11. Table 2-4 summarizes results of dust samples collected within the long shed during this investigation.

### **2.1.6 Investigation - Test Pits - August 2000**

A test pit excavation program was conducted between August 11 and August 21, 2000 to determine the vertical extent of contaminated soil at the site. A total of 74 soil samples were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a), from 16 test pit locations (two test pits north of the former greenhouses and 14 test pits throughout the remainder of the site). Test pit depths varied in depth from 1 to 13 feet bgs.

The location and results for samples collected during this investigation are presented in Figure 2-1. Results from the soil samples analyzed by PLM-9002 indicate that 33 of the samples contained detectable concentrations of LA ranging from < 1 to 5% and 20 samples were ND for LA. Results are not available for a total of 21 soil samples from this investigation. Based on the results from this investigation and as determined

during removal activity in 2000, EPA directed the removal of soil to depths of at least 4 feet bgs from the former Screening Plant area north of Rainy Creek. Table 2-5 provides a summary of samples collected within the defined boundary of the former Screening Plant during this investigation.

### **2.1.7 Removal Activities - August to November 2000**

Site preparation for the removal of contaminated soil began in the summer of 2000 and included stockpiling miscellaneous items and debris, such as steel silos and hoppers, evaporative cooling units, metal debris, underground and aboveground storage tanks, and approximately 30,000 ft<sup>2</sup> of vegetative cover and landscaping. Contaminated soil removal began along the northern portion of the former Screening Plant in August 2000 following the removal, disposal, and/or relocation of all stored items and the demolition of all buildings except for the long shed.

According to the Screening Plant RAWP (CDM 2000), excavation depths were not to exceed 18 inches bgs; however, as excavation began it was discovered that LA contamination exceeded the prescribed excavation depth of 18 inches. In an attempt to determine the maximum depth of the contaminated material, soil was excavated at several locations to a depth of 20 feet bgs. Since uniform clean soil could not be reached, EPA determined that excavation to a maximum depth of 4 feet would be sufficient to mitigate human exposure risks. All contaminated soil that was not excavated during the fall of 2000 was covered with a geotextile fabric and clean fill materials placed along the north portion of the former Screening Plant. Fill material was placed in accordance with the restoration plan as negotiated between EPA and the property owners, regardless of pre-existing site conditions.

Removal activities were also performed south of Rainy Creek and at the Wise Property. The removal activities in these areas were completed in conjunction with site preparation for a decontamination pad to be constructed west of Highway 37 N and south of Rainy Creek, as discussed in Section 2.4.

From August 10 until October 6, 2000, a total of 150 confirmation soil samples and seven field duplicates were collected as part of the ongoing removal of contaminated soil from the Screening Plant area. These samples were collected from the surface of the open excavation areas and varied in elevation. Two of these samples were collected within the defined boundary of the Wise Property and two were collected from along the northern portion of Flyway; however, these will be reported with the former Screening Plant removal activities as the location of these samples was suspected to be within the boundary of the former Screening Plant property when they were collected.

The location and results for these samples are presented in Figure 2-2. Results from the soil samples analyzed by PLM-9002 indicate that 101 of the samples contained concentrations of LA ranging from < 1 to 8% LA. Table 2-6 provides a summary of the soil sample results obtained during removal activities in 2000. Analysis of the results indicates that contaminated soil remains throughout much of the site at varying depths, as shown in Figure 1-5. In addition, VCS may be encountered at relatively

shallow depths below the as-built topographical site elevation taken in 2006; specifically, within the vicinity of utility poles, guy wires, the edges of roadways, property boundary markers, state highway boundary markers, and National Forest Service property bounds.

No construction debris or contaminated soils were hauled to the mine by EPA contractors in 2000. All soils were stockpiled in and around the former long shed and covered with a tarp and clean fill for temporary storage during the winter. The tarp limited water saturation of the soil reducing the net weight of the soil to facilitate hauling in the future and eliminated the need to provide dust control measures.

The former mine site was planned to be used as a disposal site for contaminated soils removed from the former screening plant. In response to concerns from W.R. Grace that material moved from the former Screening Plant could contaminate the mine with contaminants other than LA, periodic soil samples were collected and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCB)/Pesticides, and total petroleum hydrocarbons (TPH). Results from these samples indicated that these contaminants were not of concern and will be made available upon request. Access to the mine for use as a disposal site was granted in 2001.

### 2.1.8 Fill Material - OU2 Site

Fill materials used for restoration at the Libby Superfund Site are first tested by EPA to ensure that they are free from organic and inorganic contaminants (above background levels) and meet project-specific physical characteristics. During the screening plant restoration activities, testing is conducted as follows:

- Asbestos every 3,000 cubic yards
- VOCs, SVOCs, PCBs, TPH, herbicides, pesticides, and target analyte list (TAL) metals every 5,000 cubic yards
- Geotechnical/agronomy parameters every 5,000 cubic yards

Results of these tests were evaluated by qualified project personnel. Once it was determined the fill material met project specific requirements it was used for restoration purposes.

A total of 40 soil samples were collected from the backfill materials used at OU2 from 2000 until 2003. Fill material placed at OU2 was obtained from the Nixon, Noble, and Plum Creek (Birk) pits located in Libby.

Results from the fill material soil samples analyzed by PLM-9002 indicate that two of the samples contained detectable concentrations of LA at < 1%. The results for the remaining samples were ND for LA. Only fill that did not contain detectable concentrations of LA was used for restoration activities at all OU2 subareas. Table 2-7

provides a summary of all samples collected from the fill sources during remedial activities at OU2. Results of the additional analyses are available upon request.

### **2.1.9 Investigation - Soil Sampling - March 2001**

In March 2001, additional investigation activities were conducted to characterize areas not previously sampled. During this effort, four soil samples were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a), from an undetermined area north of the OU2 site. These samples were collected from a depth ranging between 6 to 30 inches bgs. Results from the soil samples analyzed by PLM-9002 indicate that all samples contained < 1% LA. Table 2-8 provides summary of all samples collected during this investigation. Coordinate data is not available for these four samples; therefore these sample locations do not appear on Figure 2-1.

### **2.1.10 Investigation - Soil Sampling - April and May 2001**

In April and May 2001, a total of 50 soil samples were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a), from the banks of the Kootenai River and the lower reach of Rainy Creek. A total of 12 of these soil samples were collected within the boundary of the lower reach of Rainy Creek; however because the boundary of the lower reach of Rainy Creek was not defined when these samples were collected, these samples will be summarized in this section. All soil samples were surface samples collected at a depth of 0 to 6 inches bgs.

The location and results for samples collected during this investigation are presented in Figure 2-1. Results from the soil samples, analyzed by two additional PLM analytical methods - visual area estimation (PLM-VE) and gravimetric (PLM-Grav) (Syracuse Research Corporation [SRC] 2003), indicate that 44 of these samples contained detectable concentrations of LA ranging from < 1 to 20%. The results for the remaining samples were ND for LA. Table 2-9 provides a summary of all samples collected during this investigation.

EPA is in the process of evaluating the accuracy and replicability of each of the PLM-VE and PLM-Grav methods. However, based on EPA's performance evaluation study to date, these results are currently being used to make project removal decisions. Therefore, for the purposes of this report, only the more conservative (higher concentration) of the two sample techniques will be reported.

### **2.1.11 Removal Activities - April to November 2001**

The removal of contaminated soil continued in September 2001 at various areas within the former Screening Plant boundary. At the conclusion of removal activities in 2000, all contaminated materials were stockpiled in and around the former long shed as a result of failed negotiations between W.R. Grace, KDC, and the EPA for access to the former mine site for use as a disposal location for LA contaminated soil. In 2001, EPA was granted permission to dispose of all asbestos-contaminated material at the former mine site.

The former long shed was demolished in conjunction with the removal of the contaminated soils. The reinforced concrete base slab for the former long shed was not removed as part of the demolition and removal activities. Instead holes were punched in the floor slab and the slab was abandon in place. Common fill, agricultural fill, and topsoil were placed above the abandoned floor slab at depths ranging from a minimum of 5 feet to over 8 feet. Contaminated soil surrounding the former long shed was then excavated to a depth of 4 feet bgs and confirmation samples were collected similar to removal activities performed in 2000.

Additional soil was excavated along the north portion of the former Screening Plant site, adjacent to the Kootenai River. Restoration activities along the Kootenai River bank began in the fall of 2001 and included the placement of rip-rap and geotextile fabric as an erosion and flood control measure.

During the 2001 removal activities, a total of 52 confirmation soil samples were collected. The location and results for samples collected during this removal activity are presented in Figure 2-2. Results from the soil samples analyzed by PLM-9002 indicate that approximately 33 of these samples contained detectable concentrations of LA ranging from < 1 to 2%. The results for the remaining samples were ND for LA. Table 2-10 provides a summary of the soil sample results obtained during removal activities in 2001. Analysis of the results indicates that contaminated soil remains throughout much of the site at varying depths, as shown in Figure 1-5.

Periodic soil samples continued to be collected in 2001 from contaminated soil expected to be transported to the mine for the analysis of VOCs, SVOCs, PCB/Pesticides, and TPH, in response to concerns from W.R. Grace that site activities at the former Screening Plant could contaminate the mine. All sample results indicated that these parameters were not of a concern. Results for these analyses will be made available upon request.

As removal activities were completed, restoration activities began and fill material continued to be hauled to the former Screening Plant; however, at a greater frequency in 2001 than in 2000. Common fill and structural fill was placed, compacted, and rough graded to provide adequate drainage through the winter and spring. All fill material was placed in accordance with the restoration plan as negotiated between EPA and the Parkers, regardless of pre-existing site conditions.

### **2.1.12 Removal Activities – August to October 2002**

The focus of the 2002 removal activities was along the bank of the lower reach of Rainy Creek and at the decontamination pad area.

In August 2002, the decontamination pad was removed and two inches of soil was excavated from around the pad area. A total of 17 confirmation soil samples were collected as part of the removal of the decontamination pad. Soil samples were collected from a depth of 0 to 2 inches. The location and results for this investigation are presented in Figure 2-2. Results from the soil samples analyzed by PLM-9002 indicate that one sample contained a detectable concentration of LA at 1%. The results



of the remaining soil samples collected were ND for LA. Table 2-11 lists the results of samples collected during this removal activity.

Remediation along the lower Rainy Creek banks consisted of the removal of all trees and vegetation, in addition to 18 inches of contaminated soil. No removal activities were performed within the creek bed.

On October 4, 2002, nine confirmation soil samples were collected along the north and south creek banks of Rainy Creek, on the downstream side of Highway 37 N. All samples were handled and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a). These samples were collected from 0 to 2 or 4 inches bgs. The location and results for samples collected during this removal activity are presented in Figure 2-2. Results from the soil samples analyzed by PLM-9002 indicate that two samples contained detectable concentrations of LA at < 1%. The results of the remaining soil samples collected were ND for LA. Table 2-11 summarizes the results of samples collected during this removal activity.

### **2.1.13 Site Restoration Activities - 2002**

In accordance with the restoration work plan as negotiated between the EPA and the property owners, approximately 36 inches of agricultural fill was placed and compacted above the existing common fill and structural fill place in 2000 and 2001. In addition, 6 inches of topsoil was placed above the agricultural fill as directed by the property owners.

Restoration of the roadways at the former Screening Plant was accomplished by the placement and compaction of structural fill in accordance with the restoration work plan to a minimum depth of 12 inches below the final roadway surface grade. A minimum of 12 inches of crushed base course Type "A" Grade 6 was placed along the roadway surface in 6 inch lifts and compacted to a maximum dry density of 95%. A geotextile fabric was placed between the structural fill and the Grade 6 Type "A" base course layer along the 12-foot wide roadways through the site.

In August 2002, a total of 17 test pits were excavated during restoration activities to determine the finished grade of the geotextile bgs and are labels as TP-A through TP-Q shown in Figure 2-1.

Restoration activities associated with the 2002 removal actions along Rainy Creek included the placement of topsoil along the banks, followed by the re-vegetation of the banks by planting trees and other shrubs to provide additional bank stability and erosion control.

### **2.1.14 Tree Storage Area Sampling - March 2003**

On March 25, 2003 a total of 12 soil samples were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a) from six locations at the tree storage area located east of the former Screening Plant within a fenced area on the Rainy Creek Road south frontage. The purpose of these soil samples was to determine if soil in the root balls of the trees removed from the Parker property was

contaminated with LA. Soil samples were collected from within the root balls and under the trees at depths varying from 6 to 12 inches bgs. In addition, six bulk samples were collected from the burlap that was wrapped around the roots of the trees. A total of 6 bulk samples were collected from during this activity.

Sample location coordinates were not available for this investigation. Results from the soil samples analyzed by PLM-9002 indicate that all soil samples collected were ND for LA. Results from the bulk burlap samples indicate that all samples collected were ND for LA. Tables 2-12 and 2-13 summarize the results for the soil samples and bulk samples, respectively. These trees were replanted as part of the ongoing restoration activities at the former Screening Plant.

### **2.1.15 Highway 37 N Right-of-Way Removal Activities- September 2003 to August 2004**

Removal activities were performed in September 2003, along the west ROW of Highway 37 N; 350 feet south to 270 feet north of the former Screening Plant entrance. A total of 10 confirmation soil samples and one field duplicate were collected from a depth of 0 to 6 inches bgs.

The location and results for the samples collected during this removal activity are presented in Figure 2-2. Results from the soil samples analyzed by PLM-9002 indicate that two samples located between approximately 70 and 270 feet north of the entrance contained detectable concentrations of LA at < 1% LA. The results of the remaining soil samples collected were ND for LA. Table 2-14 summarizes the results for the soil samples collected.

Removal activities were also performed in August 2004, along a west portion of Highway 37 N ROW adjacent to the north portion of the former Screening Plant property. The removal activity was completed in conjunction with removal activities along the Rainy Creek Road north and south frontages in August 2004, as discussed in Section 2.9. A total of 7 confirmation soil samples were collected from a depth of 0 to 2 inches bgs.

The location and results for the samples collected during this removal activity are presented in Figure 2-2. Results from the soil samples analyzed by PLM-9002 indicate that five samples contained detectable concentrations of LA ranging from < 1 to 3%. The results of the remaining soil samples collected were ND for LA. Table 2-14 summarizes the results for the soil samples collected.

### **2.1.16 Potable Water Well Installation - March and April 2003**

During the removal of vermiculite containing soil at the former Screening Plant the original potable water well (Original Well) at the site was damaged. The integrity of the well's surface casing was compromised and tests indicated that the well was obstructed at a depth of 41 feet bgs, possibly by soil falling into the well.

A water sample collected from the well on October 3, 2002 indicated the presence of asbestos in the well and a replacement well (PW-01) was drilled on March 27, 2003. During drilling of replacement well, asbestos was detected in aquifer materials and in water produced from the alluvial aquifer in which the original well was completed. In addition, drilling difficulties resulted in abandonment of the borehole. In addition, drilling difficulties resulted in abandonment of a second borehole designated as PW-02.

Well PW-01 was eventually completed in the underlying bedrock aquifer in an attempt to avoid water containing asbestos. Water samples collected after the installation of PW-01 indicated the well was completed in an aquifer containing mineralized thermal waters with a fluoride concentration above the maximum contaminant level (MCL). Due to the unsuitability of the water produced from Well PW-01 as a potable water supply, an additional well (New Well) was completed in the alluvial aquifer as described in Section 2.1.17.

The locations of the Original Well, PW-01, PW-02 and New Well are shown in Figure 2-1. Results from the soil samples collected during well installation in 2003 are provided in Table 2-15. Results from the water samples collected prior to and during well installation in 2002 and 2003 are provided in Table 2-16.

Following the installation of the wells in 2003, the granular pad used during drilling was removed and a soil sample was collected in May 2003. The result from the soil sample analyzed by PLM-9002 indicated that the sample did not contain LA. The result from the soil sample collected is provided in Table 2-15.

### **2.1.17 Potable Water Well Installation - July 2005 and May 2006**

Prior to well installation of the new well, in July 2005, one water sample was collected from well PW-01 for informational purposes (Table 2-17). During well development and pumping tests, eight water samples were collected from the New Well. One groundwater sample collected during the early phase of well development was not analyzed due to high turbidity. Water samples collected during development and during the step-drawdown test indicated that well development was successful in removing asbestos from the formation adjacent to the well. Near the end of well development, the concentration of asbestos fibers greater than 10  $\mu\text{m}$  was 0.5 million structures per liter (s/L). The EPA only regulates structure fibers greater than 10  $\mu\text{m}$  and has set the drinking water MCL at 7 s/L. Results from the water samples collected prior to and during well installation in 2005 and 2006 are provided in Table 2-17.

Following drilling activities, a clearance sample was collected from the soil cuttings. The result from the soil sample analyzed by PLM-9002 indicated that the sample did not contain LA. The result from this soil sample is provided in Table 2-18.

## 2.2 Flyway

### 2.2.1 Site Background

Currently owned by KDC (a subsidiary of W.R. Grace), the area commonly referred to as the "Flyway" is comprised of approximately 19 acres located northeast of Libby, immediately south of the former Screening Plant and Wise Property (Figure 1-2). The Flyway is bounded by Highway 37 N to the northeast, a residential subdivision (River Runs Through It) to the south, the Kootenai River to the southwest, and the former Screening Plant and Wise property to the north. The Flyway is accessed through a non-gated entrance to the adjacent Wise property off Highway 37 N. For the purpose of this report, the Flyway area includes the Highway 37 N ROW, which is adjacent to the west side of Highway 37 N. The ROW is used and maintained by the Montana Department of Transportation.

Formerly owned by W.R. Grace, the Flyway housed a pump that was used during vermiculite mining operations to convey water from the Kootenai River to the mine site. The pumphouse, located close to the Kootenai River, has since been abandoned and the pump is no longer functional. The interior insulation of this metal structure was removed and all parts of the building were washed. The empty structure was left on-site for possible future use.

In 1999, when EPA first visited the property, the Flyway was found to contain several vermiculite piles. One portion of the property had been covered with imported fill and it was suspected that vermiculite-containing material had been moved from the former Screening Plant and used as fill to level parts of the Flyway where drainages existed. Following investigation work performed by EPA as part of the Libby emergency response, a portion of the Flyway was remediated (in 2001) by W.R. Grace at the direction of EPA. In 2003, additional remediation at the site was completed by EPA, and in 2005, the Highway 37 N ROW was remediated by EPA. Details of investigation and remediation activities conducted at the Flyway are provided in Sections 2.2.8, 2.2.11, and 2.2.13, respectively, of this report.

The Flyway is currently vacant, undeveloped land. At this time, there are no plans to develop this property by the owners.

### 2.2.2 Investigation Sampling - March 2000

In March 2000, site characterization began at the Flyway. On March 8, 2000, a total of 45 soil samples were collected, in accordance with Revision 1 of the Phase 1 SQAPP, at the Flyway from the following locations at sample depths from 0 to 32 inches bgs:

- The main dirt road through the site
- Known piles of vermiculite
- Imported fill material piles
- Beneath several imported fill material piles

The location and results for the samples collected during this investigation are presented in Figure 2-1. Results from the soil samples analyzed by PLM-9002 indicate that 30 samples contained detectable concentrations of LA ranging from < 1 to 8%. The results of the remaining soil samples collected were ND for LA. Table 2-19 summarizes the samples collected during this investigation.

### **2.2.3 Investigation Sampling – September 2000**

As part of the investigation of the National Register Eligible Prehistoric Indian Archaeological Site, test pits were excavated within the northern portion of the Flyway and soil samples were taken to document possible exposure to the archaeological field crew. Between September 16 and 19, 2000, a total of 17 soil samples were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a). Sample depths of each test pit were measured from ground surface and ranged between 10 and 64 inches bgs.

The location and results for the samples collected during this investigation are presented in Figure 2-1. Results from the soil samples analyzed by PLM-9002 indicate that 2 samples contained detectable concentrations of < 1% LA. The results of the remaining soil samples collected were ND for LA. Table 2-20 summarizes the samples collected during this investigation.

### **2.2.4 Investigation Sampling – March 2001**

Exploratory trenching was conducted on March 28, 2001 to determine the vertical extent of contamination in soil not previously investigated. A total of six soil samples were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a), from 6 trenches located in the southern portion of the Flyway. Trench depths varied from 16 to 33 inches bgs.

The location and results for the samples collected during this investigation are presented in Figure 2-1. Results from the soil samples analyzed by PLM-9002 indicate that 4 samples contained detectable concentrations of LA ranging from < 1 to 2%. The results of both remaining soil samples collected were ND for LA. Table 2-21 summarizes the samples collected during this investigation.

### **2.2.5 Investigation Sampling – May to July 2001**

In May to July 2001, a total of 46 soil samples were collected as part of investigation activities along the banks of the Kootenai River within the boundary of the Flyway. All soil samples collected were surface samples ranging in depth from between 0 and 4 to 6 inches bgs. Samples were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a).

The location and results for the samples collected during this investigation are presented in Figure 2-1. Results from the soil samples analyzed by PLM-9002 indicate that 25 samples contained detectable concentrations of LA ranging from < 1 to 2%. The results for the remaining samples were ND for LA.



On July 19, 2001, nine soil samples were collected as shown in Figure 2-1. All samples were collected, handled, and analyzed in accordance with the Phase 1 SQAPP (EPA 2000a). These samples were collected along the southern portion of the east Flyway boundary to provide information on areas not previously investigated. These surface soil samples were collected from 0 to 4 inches bgs.

Figure 2-1 presents the location and results for this investigation. Results from the soil samples analyzed by PLM-9002 indicate that six samples contained detectable concentrations of < 1% LA. The results of the remaining soil samples collected were ND for LA. Table 2-22 summarizes the samples collected during the investigations performed in May to July 2001.

### 2.2.6 Removal Activity - September 2001

Following negotiations between W.R. Grace, KDC, and the EPA, the work plan for the Flyway property was finalized and removal activities began. W.R. Grace contracted MARCOR to complete the removal effort and the EPA provided oversight activities. In general, all removal activities at the Flyway were completed in accordance with the Final Removal Action Work Plan Addendum for the Flyway Property (CDM 2001b). Removal activities on-site began in September 2001, starting at the south end of the property working north towards the former Screening Plant. Soil removal was performed using a 100-foot by 100-foot grid and included approximately 16 grids covering 3.37 acres.

The work plan (CDM 2001b), called for soils to be excavated to a depth of 18 inches throughout the entire removal area. In the event that visible vermiculite or analytical results > 1% LA were present at the floor of the excavation, then an additional 6 inches would be excavated. This iterative process was carried throughout the site, with a maximum excavation depth of 4 feet below original ground surface elevation.

A total of 21 confirmation soil samples were collected between September 14 and 27, 2001. Samples were collected from the bottom of the excavation between 0 and 2 inches bgs. The extent of excavation resulting from removal work conducted at the Flyway in 2005 is depicted on Figure 1-5. Final confirmation soil sampling results (i.e., the final sample collected in each grid or excavation area) are also depicted on Figure 1-5.

The location and results for the samples collected during this removal activity are presented in Figure 2-2. Results from the soil samples analyzed by PLM-9002 indicate that 2 samples contained detectable concentrations of < 1% LA. The results of the remaining soil samples collected were ND for LA. Table 2-23 summarizes the samples collected during this investigation.

Following excavation and soil clearance activities, the area was restored in accordance with the work plan (CDM 2001b). Restoration consisted of backfilling the site to grade using materials from a local EPA-approved fill source (refer Section 2.2.8). Common fill was placed, and compacted and overlain with 6 inches of topsoil and hydroseeding as required.

## 2.2.7 Removal Planning - 2002

Removal activities were halted in 2002 due to government contracting delays and a relatively short construction season. During this delay, removal planning for the continuation of removal activities was completed.

Following a site walk in 2002 as part of the removal planning process, EPA identified additional grids requiring removal. Also, the removal planning for the 2002 construction season included the preparation of the first Removal Action Work Plan Addendum 1 (CDM 2002b). Addendum 1 provided a brief summary of the removal activities conducted in 2001 and the remaining scope of work for the project; however, this addendum was completed prior to receiving all confirmation sample survey data. As reported in Addendum 1, a total of 13 removal grids had been excavated in 2001; however, a total of 16 removal grids were actually completed (refer to Section 2.3.8). In addition, the addendum indicated that 28 removal grids would have to be excavated in 2002.

After finalization of Addendum 1, EPA modified the approach for cleanup of the Flyway property. The cleanup criteria for the site, as presented in the original work plan, was to remove soils with LA asbestos concentration  $> 1\%$ . EPA determined that until the risk assessment was complete for the site, all surface soils contaminated with visible vermiculite should be removed so that a second mobilization for characterization and removal would not have to be conducted. The cleanup criteria for subsurface soils remained  $1\%$  LA asbestos. Following this decision, all sampling data that had been collected to date was reevaluated to determine how it would affect the remaining scope of work. This review concluded that several grids did not contain sufficient data to make removal determination decisions and that additional characterization was needed. This additional characterization was conducted in July 2003.

## 2.2.8 Investigation Sampling - July 2003

Additional soil samples were collected along the east boundary of the Flyway and the Highway 37 N ROW from areas not previously investigated to determine if these areas required removal. On July 12, 2003, a total of 14 soil samples and one field duplicate samples were collected, handled, and analyzed in accordance with the Phase 1 SQAPP. These surface soil samples were collected from 0 to 6 inches bgs.

The location and results for the samples collected during this investigation are presented in Figure 2-1. Results from all soil samples analyzed by PLM-9002 were ND for LA. Table 2-24 summarizes the samples collected during this investigation.

## 2.2.9 Removal Activity - July to October 2004

Removal planning for the 2004 season included additional characterization (refer Section 2.3.10) and the preparation of the second RAWP Addendum (CDM 2003a).

In accordance with the work plan (CDM 2003a), removal activities completed in 2004 included the excavation of contaminated soils from a total of 53 removal grids from

the Flyway; a total of 48 removal grids from the northern portion of the property; and five removal grids from the Kootenai riverbank along the southern portion of the property. After the finalization of the work plan (CDM 2003a), a meeting was held between EPA and W.R. Grace to determine if 5 removal grids located in the Highway 37 N ROW and the removal grid Q3 (southern property line) had to be remediated by W.R. Grace. Based on the decision from EPA, the Highway 37 N ROW removal grids would not be excavated during this removal activity and a subsection of grid Q3 on the Flyway property would be excavated.

Remediation criteria were met at the site if the confirmation soil samples at the depth of 12 inches bgs were ND for LA and no visible vermiculite was observed. An additional 6-inch lift had to be removed if these removal criteria were not met. Starting with the removal depth of 18 inches the remediation criteria for confirmation soil samples were ND or <1% for LA and no visible vermiculite. Additional 6-inch lifts had to be removed if these removal criteria were not met. This iterative process was carried throughout the site, with a maximum excavation depth of 4 feet below original ground surface elevation (Figure 1-5).

During removal activities in 2004, in accordance with the Removal Action Work Plan Addendum (CDM 2003a), contaminated soil was removed from 34 full and 14 partial removal grids. In addition to the planned removal activities in 2004, two additional removal grids (J5 and J6) were excavated due the presence of visible vermiculite. The excavation within these grids was completed in accordance with the RAWP (CDM 2003a). Grids located in the river bank slope were excavated the Kootenai River water level at that time. A total of 286 confirmation soil samples and 21 field duplicates were collected between July 15 and November 4, 2004. Samples were collected from the surface of the excavation between 0 to 2 inches bgs.

The location and results for the samples collected during this removal activity are presented in Figure 2-1 (with the exception of one sample [FL-01360], for which no coordinate data is available). Results from the soil samples at an excavations depth of 12 inches analyzed by PLM-9002 were all ND for LA. Final confirmation samples collected at an excavation depth of 18 inches and greater were either ND or < 1% LA by PLM-9002. Table 2-25 summarizes the samples collected during this removal activity.

The extent of excavation at the Flyway in 2005 is depicted on Figure 1-5. Final confirmation soil sampling results (i.e., the final sample collected in each grid or excavation area) are also depicted on Figure 1-5.

Following excavation and confirmation soil sampling, the area was restored in accordance with the work plan (CDM 2003a). Restoration consisted of backfilling the site to grade using materials from a local EPA-approved fill source (refer Section 2.2.8), and hydroseeding as required.

### 2.2.10 Pre-Removal Investigation Sampling - June 2005

In June 2005, highway structural integrity and slope stability issues along a portion of steep bank were discussed during the construction startup meeting for removal activities at the Wise Property and along the Flyway ROW. Following the meeting, a decision was made to collect soil samples along these areas to determine if the quantity of soil to be removed could be reduced to protect the roadway. On June 1, 2005, a total of 12 soil samples were collected, handled, and analyzed in accordance with the Draft Final Pre-design Inspection Activities Work Plan (CDM 2003c). These soil samples were collected from 0 to 2 inches bgs, along the south portion of the Flyway ROW, from the investigation grids.

The location and results for the samples collected during this investigation are presented in Figure 2-1. Results from the soil samples analyzed by PLM-9002 indicate that four samples contained detectable concentrations of < 1% LA. The results of the remaining soil samples collected were ND for LA. Table 2-26 summarizes the samples collected during this investigation.

### 2.2.11 Removal Activity - June 2005

Following the results of the ROW sampling in June 2005 the remediation of the Highway 37 N ROW began. In general, the Final Removal Action Work Plan Addendum to the Removal Action Work Plan for the Wise Property and KDC Flyway ROW (CDM 2005) called for soils to be excavated to a depth of 12 inches throughout the entire removal area (Figure 1-5). During the pre-removal Investigation Sampling in June 2005, CDM personnel observed a stockpile in the KDC Flyway ROW containing gross amounts of LA. This stockpile was been included in the removal action and it's footprint was excavated to a depth of 12 inches bgs.

A total of ten confirmation soil samples were collected between June 21 and June 29, 2005. Samples were collected from the floor of the excavation at depths of 4 inches up to 14 inches bgs.

The location and results for the samples collected during this removal activity are presented in Figure 2-2. Results from the stock pile soil samples analyzed by PLM-9002 were 1% LA. Final confirmation samples were either ND or < 1% LA by PLM-9002, with the exception of two samples (1R-30927 and 1R-30960) (refer to Figure 2-2). The result for the sample 1R-30927 was 2% LA at the final excavation depth of 4 inches bgs. The final depth of 12 inches could not be reached due to the steep embankment at this portion of the Flyway ROW. Sample 1R-30960 was collected at the depth of 12 inches bgs from the footprint of the stockpile that had been removed and contained 3% LA. At the direction of EPA this area was not excavated deeper in order to meet the remediation criteria. Table 2-27 summarizes the samples collected during this removal activity.

The extent of excavation resulting from removal work conducted by EPA at the Flyway ROW in 2005 is depicted on Figure 1-5. Final confirmation soil sampling results (i.e., the final sample collected in each grid or excavation area) are also depicted on Figure 1-5.

Following excavation and confirmation soil sampling, the area was restored in accordance with the work plan (CDM 2005). Restoration consisted of backfilling the site to grade using materials from a local EPA-approved fill source (refer Section 2.2.8), and hydroseeding as required.

## **2.3 Wise Property**

### **2.3.1 Site Background**

The Wise Property, owned by Eugene and Mary Wise, consists of an approximate 1-acre parcel situated between the former Screening Plant and the Flyway, and bordered by Highway 37 N to the northeast (Figure 1-2). For the purpose of this report, the Wise property includes the Highway 37 N ROW adjacent to the west side of Highway 37 N. A continuum of the Flyway ROW, this ROW is used and maintained by MDOT.

Under W.R. Grace ownership, the Wise property was likely used for vermiculite-mining related activities, such as the storage or staging of equipment and materials. In recent history, portions of the Wise property were used for equipment decontamination during remediation work at the former Screening Plant and the Flyway (the property was vacant and not in use at the time of cleanup activities). The property underwent EPA investigation and remediation as discussed in Section 2.4.4 of this report.

The Wise property is currently vacant, undeveloped land. There are currently no plans to develop the property by the owners.

### **2.3.2 Investigation Sampling – April 2000**

On April 7, 2000, a total of 12 soil samples were collected from suspected vermiculite piles and from natural-looking soil at the Wise Property. Samples were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a). Sample locations were selected in consultation with an EPA or Volpe Center representative. All samples were collected from 0 to 2 inches bgs, 0 to 6 inches bgs, or 0 to 12 inches, as shown in Table 2-28.

The location and results for the samples collected during this investigation are presented in Figure 2-1. Results from the eight soil samples of the stock piles analyzed by PLM-9002 indicate detectable concentrations of LA ranging from 2 to 5%. The results of the remaining soil samples collected were < 1% LA. Table 2-28 summarizes the samples collected during this investigation.

### **2.3.3 Removal Activity – June 2005**

Based on visual inspections and the results of pre-removal soil sampling at the Wise Property, EPA determined that site soils required removal. In general, the Final Removal Action Work Plan Addendum to the Response Action Work Plan for Wise Property and KDC Flyway ROW (CDM 2005) called for soils to be excavated to a depth of 12 inches throughout the entire removal area (Figure 1-5).

A total of 17 confirmation soil samples were collected between June 10 and June 29, 2005. Samples were collected from the surface of the excavation at depths between 2 and 14 inches bgs.

The location and results for the samples collected during this removal activity are presented in Figure 2-1. Results from the soil samples analyzed by PLM-9002 indicate that one sample contains detectable concentrations of < 1% LA. The results of the remaining soil samples collected were ND for LA. Table 2-29 summarizes the samples collected during this investigation.

The extent of excavation resulting from removal work conducted by EPA at the Flyway ROW in 2005 is depicted on Figure 1-5. Final confirmation soil sampling results (i.e., the final sample collected in each grid or excavation area) are also depicted on Figure 1-5.

Following excavation and confirmation soil sampling, the area was restored in accordance with the work plan (CDM 2005). Restoration consisted of backfilling the site to grade using materials from a local EPA-approved fill source (refer Section 2.2.8), and hydroseeding as required.

## **2.4 Rainy Creek Road Frontages**

### **2.4.1 Site Background**

The Rainy Creek Road Frontages, currently privately owned, lies immediately north and south of Rainy Creek Road on the east (i.e., mine) side of Highway 37 N near its intersection with Highway 37 (Figure 1-2). Approximately 45,000 ft<sup>2</sup> of land comprises the north frontage; approximately 39,000 ft<sup>2</sup> comprises the south. For a short period, numerous trees were stored at the south frontage for use during restoration at the former screening plant, as earlier later in this report. The Rainy Creek Road Frontages were remediated by EPA in 2005. Details of investigation and remediation work conducted at this location are provided in Sections 2.4.

The Rainy Creek Road Frontages is currently vacant, undeveloped land. It is anticipated that the property will remain as such.

### **2.4.2 Investigation - Soil Sampling - May 2003**

On May 17, 2003, a total of 16 soil samples and one field duplicate were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a), from the Rainy Creek Road Frontages. Ten of the soil samples collected was outside of the defined boundary of the north and south frontage. All samples were collected from a depth of 0 to 6 inches bgs.

The location and results for the samples collected during this investigation are presented in Figure 2-1. Results from the soil samples, analyzed using two techniques for LA: PLM-VE and PLM-Grav (SRC 2003), indicate that 13 of these samples contained detectable concentrations of LA ranging from trace (TR) to < 1%. The

results for the remaining samples were ND for LA. Table 2-30 summarizes the results for the soil samples collected.

### **2.4.3 Removal Activity – November 2003**

In November 2003, a confirmation soil sample was collected from the ditch on the north side of the mine road to provide evidence that decontamination run-off water was not re-contaminating portions of the Rainy Creek Road Frontages. Results from this soil sample collected indicate that the sample contained a detectable concentration of LA at < 1%. Table 2-31 summarizes the result for this soil sample.

### **2.4.4 Removal Activity – August to October 2004**

Between August 10 and October 5, 2004, a total of 28 confirmation soil samples were collected following the excavation of contaminated material from the north and south frontages, as determined by the investigative sampling. All samples were collected from the 0 to 2 inches depth interval.

The location and results for the samples collected during this removal activity are presented in Figure 2-2. Results from the soil samples analyzed by PLM-9002 indicate that 25 of the samples contained detectable concentrations of LA ranging between < 1 and 3%. The results of the remaining soil samples collected were ND for LA. Table 2-32 summarizes the results of samples collected during this removal activity.

### **2.4.5 Quick Response – August 2006**

During a water line repair at the north frontage of Rainy Creek Road along Highway 37, a local contractor reported observing vermiculite while excavating a trench to locate a damaged waterline.

On August 9, 2006, the removal contractor with the assistance of EPA located the damaged waterline, provided the necessary repairs, and restored the affected area with clean fill. A total of 40 cubic yards of contaminated soil was excavated. On August 10, 2006, all restoration work was completed.

The result from the soil sample analyzed by PLM-9002 indicates that the sample contained a detectable concentration of LA at 1%. Table 2-33 summarizes the sample result for this quick response removal activity.

## **2.5 Kootenai Bluffs Subdivision**

### **2.5.1 Site Background**

The Kootenai Bluffs Subdivision portion of OU2 is located on the west side of the Kootenai River, directly across the river from the former Screening Plant and Flyway (Figure 1-2). The area has been divided into twelve (12) lots: Lots 1 and 2 are privately owned and have been developed; Lots 3 and 4 are vacant and privately owned; KDC owns the remaining eight lots. A paved road (Champion Haul Road) bisects the subdivision and runs roughly 750-feet from and parallel to the Kootenai River. Underground electrical and telephone lines have been installed to the building lots, as access boxes and transformers have been installed along the paved road. The



Kootenai Bluffs Subdivision also includes an active rail line operated by the Burlington Northern Santa Fe (BNSF) Railroad. The railroad tracks are located within a 200-foot wide easement that runs along the eastern portion of the site. Data gap analysis and potential future cleanup along the BNSF rail line will be addressed as part of OU6 activities.

When the vermiculite mine was in operation, a portion of the property was used by W.R. Grace as a conveyor unloading station (Figure 2-3). The sorted vermiculite was received from the screening plant via a conveyor constructed across the Kootenai River and loaded onto trucks or railroad cars for distribution to numerous expansion plants throughout the United States. The remainder of the bluffs property historically consisted of undeveloped land that does not appear to have been associated with previous commercial use.

With the exception of the two developed lots, the Kootenai Bluffs Subdivision is currently vacant land with some electrical improvements. It is expected that the Kootenai Bluffs Subdivision will continue to be developed as residential property.

### **2.5.2 Investigation Sampling - December 1999**

In December 1999, site characterization began at the Kootenai Bluffs Subdivision. A total of 20 soil samples and three field duplicates were collected from the conveyor unloading station at the central portion of the eastern boundary of the Kootenai Bluffs Subdivision. All samples were collected as grab samples from 0 to 2 inches bgs or 2 to 12 inches, as shown in Table 2-34. Samples were collected, handled, and analyzed in accordance with the Phase 1 SQAPP (EPA 1999).

The location and results for the samples collected during this investigation are presented in Figure 2-3. Results from the soil samples analyzed by PLM-9002 indicate that 20 samples contained detectable concentrations of LA ranging from < 1 to 2%. The results of the remaining soil samples collected were ND for LA. Table 2-34 summarizes the samples collected during this investigation.

Also in December 1999, four soil samples (D-00021 through D-00024) were collected from a pile/berm adjacent to the main entrance gate at the Kootenai Bluffs Subdivision. The four grab samples were collected from 0 to 2 inches and 2 to 12 inches bgs, as shown in Table 2-34. Samples were collected, handled, and analyzed in accordance with the Phase 1 SQAPP.

The location and results for the samples collected during this investigation are presented in Figure 2-3. Results from the soil samples analyzed by PLM-9002 indicate that all 4 samples contained detectable concentrations of < 1% LA. Table 2-34 summarizes the samples collected during this investigation.

### **2.5.3 Investigation Sampling - March 2000**

On March 9 and 10, 2000, a total of 38 soil samples were collected as part of an investigative sampling program of the Kootenai Bluffs Subdivision building lots (Lot 1 through 10) located east of the Champion Haul Road. Samples were collected,

handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a) and consisted of 25 surface soil samples and 13 sub-surface soil samples.

The location and results for the samples collected during this investigation are presented in Figure 2-3. Results from the soil samples analyzed by PLM-9002 indicate that 19 samples contained detectable concentrations of LA ranging from < 1 to 10%. The results of the remaining soil samples collected were ND for LA. Table 2-35 summarizes the samples collected during this investigation.

#### **2.5.4 Pre-Removal Investigation Sampling - March 2001**

Explanatory trenching was conducted on March 27, 2001, to determine the vertical extent of in-place fill material. A total of five soil samples (1-02082 through 1-02086) were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a), from 5 test pits located north of the Conveyor Unloading Station. Trenches depths varied from 36 and 112 inches bgs.

The location and results for the samples collected during this investigation are presented in Figure 2-3. Results from all soil samples analyzed by PLM-9002 were ND for LA.

In addition, the two stock piles located in the north portion of the Kootenai Bluffs Subdivision were investigated in order to estimate the volume of the stock piles for removal activities. On March 30, 1999, a total of 23 soil samples were collected. A total of 17 soil samples were collected from the stock piles at depths between 2 and 28 inches. Six samples from a depth of 0 to 6 inches bgs were collected from the perimeter of the stockpiles. Samples were collected, handled, and analyzed in accordance with the Phase 1 SQAPP.

The location and results for the samples collected during this investigation are presented in Figure 2-3. Results from all soil samples collected from the stockpiles analyzed by PLM-9002 contain detectable concentrations of LA ranging from < 1 to 10% LA. Results of 4 samples collected around the perimeter of the stockpiles indicated detectable concentrations of LA at < 1%, while the remaining two were ND for LA. Table 2-36 summarizes the samples collected during this investigation.

#### **2.5.5 Investigation Sampling - July 2001**

In December 2001, site characterization continued following a gridded approach. A 100-foot by 100-foot grid was developed and the central and southern portion of the Kootenai Bluffs Subdivision was further investigated. Between July 11 and 25, 2001, a total 107 soil samples and seven field duplicates were collected. These surface soil samples were from the 0- to 6-inch bgs depth interval. Samples were collected, handled, and analyzed in accordance with the Phase 1 SQAPP.

The location and results for the samples collected during this investigation are presented in Figure 2-3. Results from the soil samples analyzed by PLM-9002 indicate that 43 samples contained detectable concentrations of < 1% LA. The results of the

remaining soil samples collected were ND for LA. Table 2-37 summarizes the samples collected during this investigation.

### **2.5.6 Removal Activity - August to November 2001**

Based on visual inspections and the results of pre-removal surface and subsurface soil sampling at the Kootenai Bluffs Subdivision, EPA determined that site soils required removal. EPA contracted ESS to complete removal effort and the EPA provided oversight activities.

The work was conducted between August 9 and November 18, 2001 in accordance with the Final Removal Action Work Plan for the Kootenai Bluff Property (CDM 2001a). In general, the work plan called for soils to be excavated to a depth of 18 inches throughout the removal areas. In accordance with the work plan, additional 6-inch lifts were removed if LA analytical results were found at quantities requiring removal ( $>1\%$  LA). This iterative process was carried throughout the removal areas, with a maximum excavation depth of 4 feet below original ground surface elevation (Figure 1-6).

A total of 64 confirmation soil samples were collected between September 7 and November 2, 2001. Samples were collected from the floor of the excavation. The location and results for the samples collected during this removal activity are presented in Figure 2-4 (with the exception of seven samples, for which no coordinate data is available; refer Table 2-38). Results from the soil samples analyzed by PLM-9002 indicate that 32 samples contained detectable concentrations ranging from  $<1$  to  $6\%$  LA, however, W.R. Grace was directed to remove soil in additional 6-inch increments until EPA clearance criteria ( $<1\%$  LA at depth) for confirmation soil sampling was met in each section of the excavation. The results of the remaining soil samples collected were ND for LA. No analytical data is available for sample 1R-13231. Table 2-38 summarizes the samples collected during this investigation.

The approximate extent of excavation resulting from removal work conducted by EPA at the Kootenai Bluffs Subdivision in 2001 is depicted on Figure 1-6. Final confirmation soil sampling results (i.e., the final sample collected in each grid or excavation area) are also depicted on Figure 1-6.

Following excavation and confirmation soil sampling, the area was restored. Restoration consisted of backfilling the site to grade using structural fill materials from a local EPA-approved fill source (refer Section 2.2.8).

### **2.5.7 Investigation Sampling -September 2003**

Additional sampling was performed from the area around the previous stockpile excavation areas in the north portion of the Kootenai Bluffs Subdivision to determine if residual concentrations of LA remained at the site. On September 30, 2003, two soil samples were collected. These subsurface soil samples were collected at depths of 6 and 14 inches bgs, respectively.

The location and results for the samples collected during this investigation are presented in Figure 2-3. The soil samples were analyzed by PLM-9002. Results indicate that one sample contained detectable concentrations of < 1% LA while the other was ND for LA. Table 2-39 summarizes results of samples collected during this investigation.

### **2.5.8 SQAPP Sampling Activity- July 2005**

In the summer of 2005, activity-based sampling (i.e., mowing, raking, child's play scenarios) was conducted at several properties where known concentrations of LA were present. Two locations within the boundary of the Kootenai Bluffs Subdivision were selected as sampling locations.

On June 12 and 14, 2005 activity-based sampling was conducted in an area of the site where previous sample results were ND for LA (1-03269, 1-03273, and 1-03274). All soil samples were collected in accordance with the Supplemental RI Quality Assurance Project Plan (SQAPP) (SRC 2005). One soil sample was collected from the area where the mowing scenario was conducted (SQ-00315) and one sample was collected from the scenario area used in child's play and raking (SQ-00316). Results for both soil samples indicated LA was present at trace levels (< 0.2%). The samples stated below are also discussed in the Summary Report for data collected under the Supplemental Remedial Investigation Quality Assurance Project Plan (SRC 2007).

The Summary Report for data collected under the Supplemental Remedial Investigation Quality Assurance Project Plan (SRC 2007) summarizes and evaluates the SQAPP air results. Results for all SQAPP air samples collected in OU2 are presented in Table 2-40.

### **2.5.9 Investigation Sampling - April 2006**

One of the 12 building lots of the Kootenai Bluffs Subdivision was purchased from KDC for residential development. In April 2006, soil sampling within Lot 1 was conducted so that the owner could proceed with building construction. On April 21, 2006, a total of six soil samples and one field duplicate were collected from Lot 1 located in the center of the Kootenai Bluffs Subdivision. These surface soil samples were from the 0- to 1-inch depth interval.

The location and results for the samples collected during this investigation are presented in Figure 2-3. Results from the soil samples, analyzed using two techniques for LA (PLM-VE and PLM-Grav), indicate that 44 of these samples contained detectable concentrations LA at trace levels (< 0.2%). The results for the remaining samples were ND for LA. Table 2-41 provides a summary of all samples collected during this investigation.

## Section 3

# Quality Assurance/Quality Control

For work conducted by EPA and its contractors in Libby, quality assurance/quality control (QA/QC) measures include, but are not limited to, the collection of QC samples (such as duplicate samples and field blanks), implementation of a laboratory QA program, review of project reports generated by CDM by an approved CDM QA staff member, and an auditing component to assess the effectiveness of the QA program.

The following sections describe the following QA/QC components implemented for work conducted by EPA and its contractors at OU1: collection of field quality control (QC) samples; changes to procedures in guidance documents; data usability; and achievement of data quality objectives (DQOs).

All QA/QC components for measurement reports required by EPA Region 8 (e.g., precision, accuracy, representativeness, completeness, and comparability) are addressed in the Summary Report for data collected under the Supplemental Remedial Investigation Quality Assurance Project Plan (SRC 2007).

### 3.1 Field Quality Control Sample Collection

#### 3.1.1 Air and Dust

Two types of air and dust QC samples were collected by sampling personnel: lot blanks and field blanks. Lot blanks are collected to ensure cassettes used for sample collection are acceptable. As such, results for the lot blanks must be below the detection limit for the analytical method in order for cassettes to be put into use. Lot blanks for the Libby site were required to be collected and analyzed at a rate of one lot blank per 50 cassettes; however, this goal rate was established for the Libby site as a whole and therefore lot blank collection rates from OU2 may not be representative of project collection rates. Lot blank data collected in Libby indicate asbestos fiber counts below the detection limit of the analytical method; therefore, air and dust cassettes were deemed usable for sampling at OU2. Libby lot blank data is provided in Appendix B.

Field blanks are indicators of potential sample collection issues or background concentrations of asbestos at a site. Field blanks for air and dust sampling summarized in this report were required to be collected at a frequency of two field blanks per media per work site per day. Field blank data for OU2 indicate asbestos fiber counts below the detection limit of the analytical method. OU2 field blank data is provided in Appendix C.

Overall field QC sample collection frequency and data evaluation for the Libby Superfund Site is presented in the Summary Report for data collected under the Supplemental Remedial Investigation Quality Assurance Project Plan (SRC 2007).

### 3.1.2 Soil

Field duplicates were collected at OU2 as QC samples. For OU2 investigation and pre-removal soil sampling, one field duplicate per 20 field samples was required to be collected; however, this goal rate was established for the Libby site as a whole and therefore duplicate soil sample rates from OU2 may not be representative of project collection rates. Soil duplicate sample collection frequency and data evaluation for the Libby Superfund Site is presented in the Summary Report for data collected under the Supplemental Remedial Investigation Quality Assurance Project Plan (SRC 2007). To date, field QC samples for confirmation soil sampling is not required at the Libby Superfund Site.

## 3.2 Modifications to Governing Documents

Modifications to the governing documents listed below were approved by EPA and Volpe Center technical representatives and implemented by field staff during activities at OU2. Signed modification forms and supporting documentation for the Phase 1 SQAPP and Removal Action SAP is located on CDM's e-room at [https://team.cdm.com/eRoom/R8-RAC/Libby/0\\_4c29](https://team.cdm.com/eRoom/R8-RAC/Libby/0_4c29).

### *Phase 1 SQAPP, Revision 0 (EPA 1999)*

No deviations to procedures outlined in this document were noted.

### *Phase 1 SQAPP, Revision 1 (EPA 2000a)*

- Effective August 29, 2001: To decontaminate air and dust sampling equipment, locally available filtered water will be used rather than deionized water.
- Effective August 30, 2001: On field sample data sheets, separate 10-digit and 6-digit sample identifiers (IDs) will not be used to label samples; rather, only the 6-digit (e.g., 1-XXXXX) ID will be used.
- Effective December 4, 2001: Rotometer calibration will be conducted once per month rather than once per week as stated in standard operating procedure (SOP) EPA-Libby-01, Revision 1.
- Effective December 4, 2001: Since the procedure for completing field sample data sheets (SOP ISSI-Libby-04) was omitted from the guidance document, field sample data sheets will be completed using examples prepared and maintained on-site by the field manager.
- Effective December 10, 2001: EPA-approved chain-of-custody (COC) forms specific to asbestos sampling will be used rather than the standard COC form provided in the SOP for sample custody and handling (CDM SOP 1-2).
- Effective December 10, 2001: Sample labels will only contain the sample ID number rather than detailed information (e.g., sample date, sample time, etc.).
- Effective December 10, 2001: Soil samples will not be collected in pans, trays, or bowls as required by CDM SOP 1-3 (Surface Soil Sampling); rather, material will be

placed directly into plastic zip-top bags and homogenized. Core samplers or bulb planters will be used when necessary to collect subsamples of approximately equal volume. In addition, ice will not be used for packaging.

- Effective December 10, 2001: As stated in CDM SOP 2-1 (Packaging and Shipping of Environmental Samples), asbestos samples (all media) will not be packaged for handling or shipment using vermiculite or ice.
- Effective December 10, 2001: Locally available deionized water will be used to decontaminate sampling implements and equipment (e.g., air sampling pumps, trowels, bulb planters, etc.) rather than deionized water, as stated in CDM's SOP for Field Equipment Decontamination at Nonradioactive Sites (CDM SOP 4-5). In addition, waste water will be disposed of onsite and not captured.
- Effective December 10, 2001: Dust samples will be collected over three 100-square centimeter (cm<sup>2</sup>) areas rather than a single 100-cm<sup>2</sup> area as called for by the American Society for Testing and Materials method D5755-95.

***Removal Action SAP, Revision 1 (EPA 2000b)***

- Effective December 4, 2001: Rotometer calibration will be conducted once per month rather than once per week as stated in SOP EPA-Libby-01, Revision 1.
- Effective December 10, 2001: Meteorological station data will only be collected at critical removal actions, as deemed by the government.

***Screening Facility Removal Action Work Plan***

- Contaminated soil from the former Screening Plant was to be removed to a depth of 18 inches bgs. During removal activities and a test pit investigation, it was determined that contamination extended beyond the anticipated 18 inches bgs; therefore, as directed by the EPA, a minimum of 4 feet bgs was excavated from the former Screening Plant, north of Rainy Creek.

***Final Removal Action Work Plan Addendum to the Response Action Work Plan for Wise Property and KDC Flyway Right-of-Way (CDM 2005)***

- Soil sample results of the Pre-removal investigation at the Flyway ROW on June 1, 2005 dictated that the flat portion of grid R07 (west half of the grid) would be excavated to the design depth of 1 foot bgs. All remaining southern Flyway ROW grids would be scraped to a depth of 4 inches bgs.
- During this same sampling activity, CDM personnel observed a stockpile in the KDC Flyway ROW containing gross amounts of Libby vermiculite. This stockpile was not included in the RAWP Addendum scope of work. Volpe's removal contractor agreed to remove this 1,000 ft<sup>2</sup> area without necessitating a modification to the RAWP Addendum. The stockpile footprint was excavated to a depth of 1 foot bgs.

**Removal Action Work Plan Addendum 2 for Flyway Property (CDM 2003a)**

- Deviant from the Flyway Property work plan (CDM 2001b) remediation criteria were met if the confirmation soil samples were ND for LA and no visible vermiculite was observed at a depth of 12 inches bgs. An additional 6-inch lift had to be removed if these removal criteria were not met. Starting with the removal depth of 18 inches the remediation criteria for confirmation soil samples were 1% LA and no visible vermiculite. Additional 6-inch lifts had to be removed if these removal criteria were not met. This iterative process was carried throughout the site, with a maximum excavation depth of 4 feet below original ground surface elevation.

### **3.3 Data Usability**

Data collected at OU2 were evaluated by the EPA (for emergency response data) or government-contracted staff in consultation with EPA or Volpe Center representatives. Data was not validated past that which is required by the analytical laboratories' QA/QC program. It is assumed that the raw data were useable for their intended purposes.

### **3.4 Unaccounted Sample Data**

The following 21 soil samples were collected at the Kootenai Bluffs Subdivision between October 2 and 13, 2001 during removal Activities (refer Section 2.5.6):

- 1R-10009 through 1R-10012
- 1R-10016 through 1R-12231
- 1R-12222
- 1R-12232

The samples are listed in the oversight field logbook documenting the removal, but no data is available in Libby2. It is assumed that these samples were archived, or deemed to be not needed by the onsite government representative or field sampling personnel and therefore properly disposed.

### **3.5 Achievement of Data Quality Objectives**

Each guidance document referenced in this report describes the DQOs identified for each data collection activity conducted at OU2 or the Libby Superfund Site as a whole. Data collected under the 1999 or 2000 Phase 1 SQAPPs are under review by the EPA project team as part of the human health risk assessment; however, the general Phase 1 objectives were met. All other work plan-specific DQOs were met. It should be noted that significant changes in soil and dust sampling approach and inspection protocols for visible vermiculite have recently been implemented at the Libby Superfund Site. Therefore, data previously collected at OU2 may not be sufficient for determining data gaps or cleanup decisions. A comprehensive site



inspection, as well as soil and dust sampling using the new site protocols, may be necessary.

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## Section 4

### References

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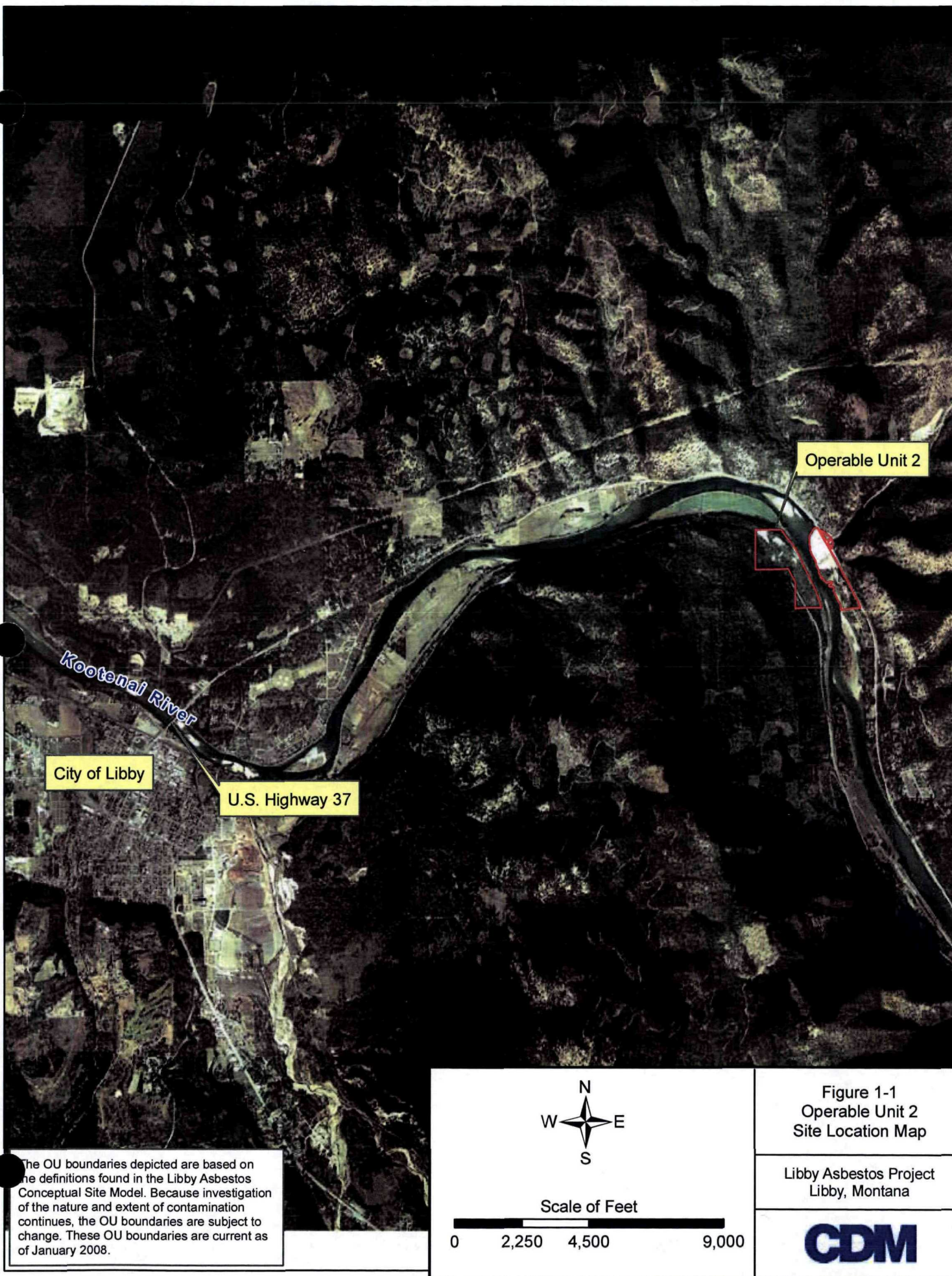
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# Legend

- OU 2 Boundary
- 1- Former Screening Plant
- 2 - Rainy Creek/Rainy Creek Bank
- 3 - Flyway
- 4 - Wise Property
- 5 - Rainy Creek Road (Frontage)
- 6 - Kootenai Bluffs Subdivision



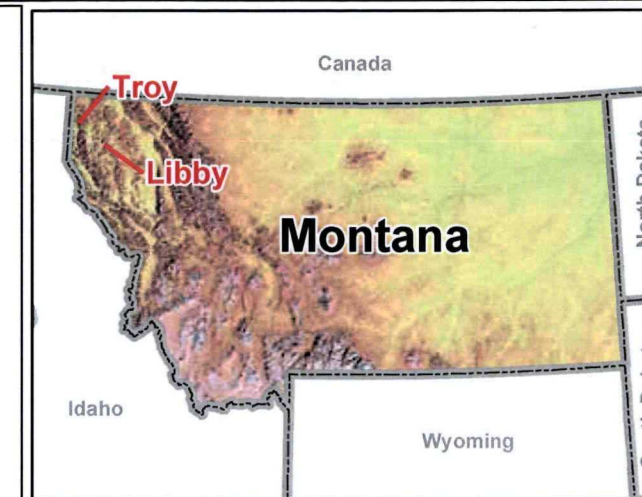
0 250 500 1,000  
Feet

Figure 1-2  
Operable Unit 2  
Site Map

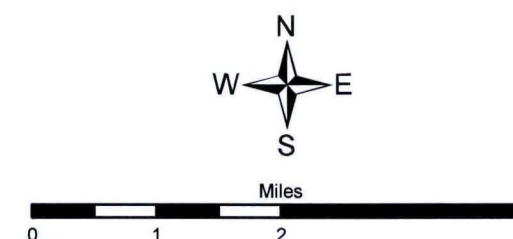
Libby Asbestos Site  
Lincoln County, Montana

**CDM**





- Legend**
- OU1 - Former Export Plant
  - OU2 - Former Screening Plant, Flyway Property, Highway 37 right-of-way adjacent to the Screening Plant, and the KDC Bluffs
  - OU3 - Mine site area, Kootenai River, Rainy Creek and Rainy Creek Road
  - OU4 - Residential, Commercial, Industrial Properties including Schools and Parks
  - OU5 - Former Stimson Lumber Mill
  - OU6 - BNSF Railyard, Tracks, and Right-of-way
  - OU7 - Troy



**Note:**  
The OU boundaries depicted are based on the definitions found in the Libby Asbestos Conceptual Site Model, Revision 19. Because investigation of the nature and extent of contamination continues, the OU boundaries are subject to change. These OU boundaries are current as of January 2008.

Map Date: 01/21/2008

Figure 1-3

Operable Unit (OU) Boundaries  
Libby Asbestos Site  
Libby, Montana

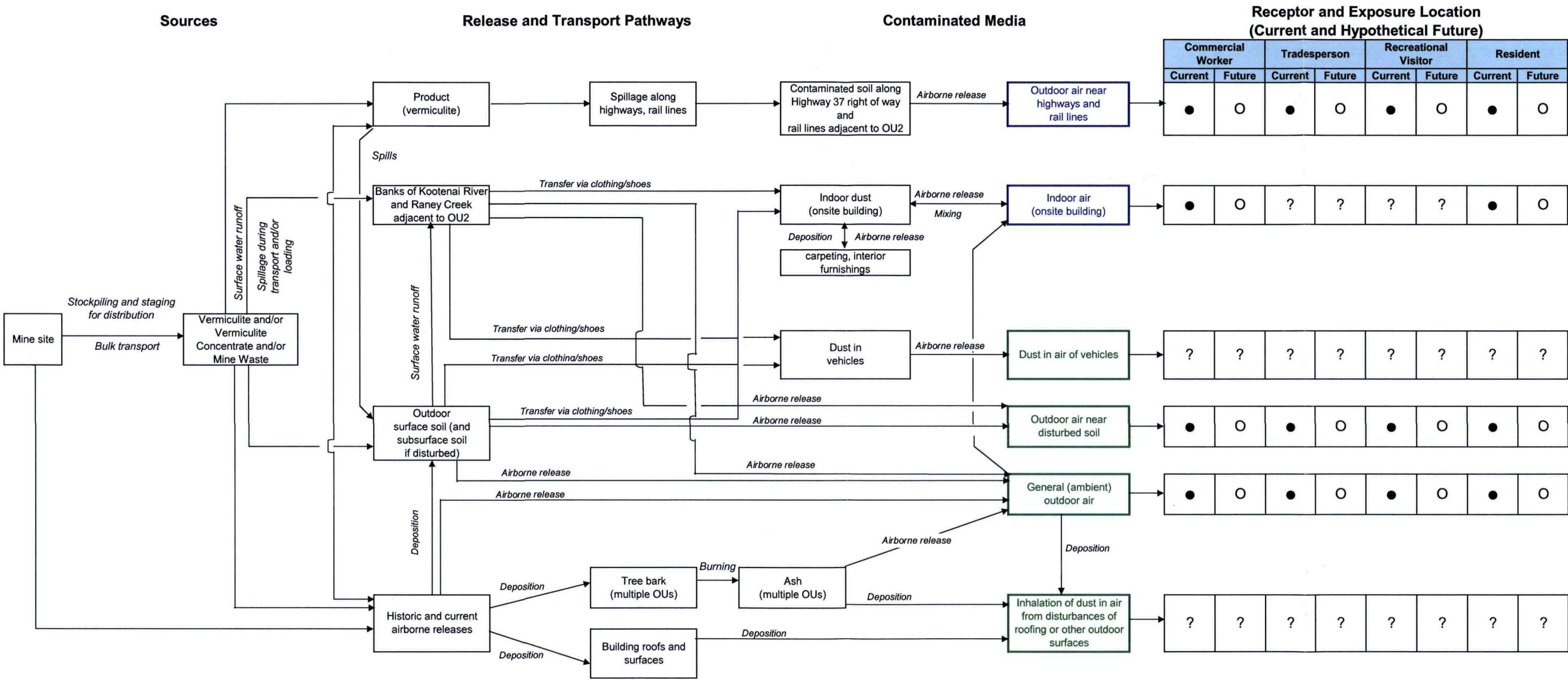
**CDM**



FIGURE 1-4. CONCEPTUAL SITE MODEL FOR INHALATION EXPOSURES TO ASBESTOS

Libby Superfund Site -- Operable Unit 2

(Former Screening Plant, Flyway property, Highway 37 right-of-way adjacent to the former Screening Plant and/or Rainy Creek Road, Wise property, and the Kootenai Development Corporation (KDC) Bluffs)



**KEY**

- Pathway is complete and exposure may be significant; quantitative evaluation is warranted
- Pathway is complete but is believed to be minor in comparison to other pathways; qualitative evaluation is warranted
- ? Pathway may be complete but magnitude of exposure is uncertain; further investigation may be necessary
- Pathway is incomplete or believed to be negligible; further evaluation is not warranted
- Indicates contaminated media that will be evaluated with a sampling program designed specific to this OU
- Indicates contaminated media that will be evaluated in conjunction with sampling programs conducted for OU4 or other on-going sampling programs



**TARGET SHEET**  
EPA REGION VIII  
**SUPERFUND DOCUMENT MANAGEMENT SYSTEM**

DOCUMENT NUMBER: 1073560

SITE NAME: LIBBY ASBESTOS

DOCUMENT DATE: 01/25/2008

**DOCUMENT NOT SCANNED**

Due to one of the following reasons:

- ☐ PHOTOGRAPHS
- ☐ 3-DIMENSIONAL
- ☒ OVERSIZED
- ☐ AUDIO/VISUAL
- ☐ PERMANENTLY BOUND DOCUMENTS
- ☐ POOR LEGIBILITY
- ☐ OTHER
- ☐ NOT AVAILABLE
- ☐ TYPES OF DOCUMENTS NOT TO BE SCANNED  
(Data Packages, Data Validation, Sampling Data, CBI, Chain of Custody)

DOCUMENT DESCRIPTION:

FIGURE 1-5 LOCATION AND DEPTH OF RESIDUAL CONTAMINATION  
AT OU 2 - EAST PORTION BASED ON INVESTIGATION ACTIVITIES  
AND REMOVAL-RELATED CONFIRMATION SOIL SAMPLING

**TARGET SHEET**  
EPA REGION VIII  
**SUPERFUND DOCUMENT MANAGEMENT SYSTEM**

DOCUMENT NUMBER: 1073560

SITE NAME: LIBBY ASBESTOS

DOCUMENT DATE: 01/25/2008

**DOCUMENT NOT SCANNED**

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- ☐ PERMANENTLY BOUND DOCUMENTS
- ☐ POOR LEGIBILITY
- ☐ OTHER
- ☐ NOT AVAILABLE
- ☐ TYPES OF DOCUMENTS NOT TO BE SCANNED  
(Data Packages, Data Validation, Sampling Data, CBI, Chain of Custody)

**DOCUMENT DESCRIPTION:**

FIGURE 1-6 LOCATION AND DEPTH OF RESIDUAL CONTAMINATION  
AT OU 2 - WEST PORTION BASED ON INVESTIGATION ACTIVITIES  
AND REMOVAL-RELATED CONFIRMATION SOIL SAMPLING

**TARGET SHEET**  
EPA REGION VIII  
**SUPERFUND DOCUMENT MANAGEMENT SYSTEM**

DOCUMENT NUMBER: 1073560

SITE NAME: LIBBY ASBESTOS

DOCUMENT DATE: 01/25/2008

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- ☐ PHOTOGRAPHS
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- ☐ AUDIO/VISUAL
- ☐ PERMANENTLY BOUND DOCUMENTS
- ☐ POOR LEGIBILITY
- ☐ OTHER
- ☐ NOT AVAILABLE
- ☐ TYPES OF DOCUMENTS NOT TO BE SCANNED  
(Data Packages, Data Validation, Sampling Data, CBI, Chain of Custody)

DOCUMENT DESCRIPTION:

FIGURE 2-1 RESULTS OF SOIL SAMPLING AND LOCATION OF  
VERMICULITE NOTED DURING INVESTIGATION AND PRE-REMOVAL  
ACTIVITIES AT OU 2

**TARGET SHEET**  
EPA REGION VIII  
**SUPERFUND DOCUMENT MANAGEMENT SYSTEM**

DOCUMENT NUMBER: 1073560

SITE NAME: LIBBY ASBESTOS

DOCUMENT DATE: 01/25/2008

**DOCUMENT NOT SCANNED**

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- ☐ PHOTOGRAPHS
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- ☒ OVERSIZED
- ☐ AUDIO/VISUAL
- ☐ PERMANENTLY BOUND DOCUMENTS
- ☐ POOR LEGIBILITY
- ☐ OTHER
- ☐ NOT AVAILABLE
- ☐ TYPES OF DOCUMENTS NOT TO BE SCANNED  
(Data Packages, Data Validation, Sampling Data, CBI, Chain of Custody)

**DOCUMENT DESCRIPTION:**

FIGURE 2-2 RESULTS OF SOIL SAMPLING AND LOCATION OF  
VERMICULITE NOTED DURING REMOVAL ACTIVITIES AT OU 2  
FIGURE 2-3 RESULTS OF SOIL SAMPLING AND LOCATION OF  
VERMICULITE NOTED DURING INVESTIGATION AND PRE-REMOVAL  
ACTIVITIES AT OU 2

**TARGET SHEET**  
EPA REGION VIII  
**SUPERFUND DOCUMENT MANAGEMENT SYSTEM**

DOCUMENT NUMBER: 1073560

SITE NAME: LIBBY ASBESTOS

DOCUMENT DATE: 01/25/2008

**DOCUMENT NOT SCANNED**

Due to one of the following reasons:

- ☐ PHOTOGRAPHS
- ☐ 3-DIMENSIONAL
- ☒ OVERSIZED
- ☐ AUDIO/VISUAL
- ☐ PERMANENTLY BOUND DOCUMENTS
- ☐ POOR LEGIBILITY
- ☐ OTHER
- ☐ NOT AVAILABLE
- ☐ TYPES OF DOCUMENTS NOT TO BE SCANNED  
(Data Packages, Data Validation, Sampling Data, CBI, Chain of Custody)

**DOCUMENT DESCRIPTION:**

FIGURE 2-4 RESULTS OF SOIL SAMPLING AND LOCATION OF  
VERMICULITE NOTED DURING REMOVAL ACTIVITIES AT OU 2

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Table 2-1. Former Screening Plant Investigation Soil Sample Results – December 1999

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
B-00001	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	24	PLM-9002	C	2	ND
B-00002	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	12	PLM-9002	C	1	ND
B-00003	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	3	PLM-9002	B	< 1	ND
B-00004	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	6	PLM-9002	C	2	ND
B-00005	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	6	PLM-9002	C	4	ND
B-00006	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	3	PLM-9002	C	2	ND
B-00007	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	6	PLM-9002	C	2	ND
B-00008	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	18	PLM-9002	B	< 1	ND
B-00009	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	24	PLM-9002	B	< 1	ND
B-00010	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	24	PLM-9002	C	1	ND
B-00011	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	18	PLM-9002	B	< 1	ND
B-00012	5000 Highway 37 N	12/9/1999	Field Sample		Fill	Railroad Loading Station	Soil	0	2	PLM-9002	C	2	ND
B-00013	5000 Highway 37 N	12/9/1999	Field Sample		Fill	Railroad Loading Station	Soil	2	12	PLM-9002	C	1	ND
B-00014	5000 Highway 37 N	12/9/1999	Field Sample		Soil	Railroad Loading Station	Soil	0	12	PLM-9002	B	< 1	ND
B-00015	5000 Highway 37 N	12/9/1999	Field Sample		Soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00016	5000 Highway 37 N	12/9/1999	Field Sample		Soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	< 1	ND
B-00017	5000 Highway 37 N	12/9/1999	Field Sample		Soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00018	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C	1	ND
B-00019	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00020	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00021	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00022	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00023	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	C	2	ND
B-00024	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C	2	ND
B-00025	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00026	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C	1	ND
B-00027	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	< 1	ND
B-00028	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C	2	ND
B-00029	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00030	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C	2	ND
B-00031	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	< 1	ND
B-00032	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00033	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00034	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00035	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00036	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00037	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	< 1	ND
B-00038	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00039	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C	1	ND
B-00040	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00041	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00042	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00043	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	< 1	ND
B-00044	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C	1	ND
B-00045	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C	1	ND
B-00046	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00047	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C	2	ND
B-00048	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00049	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	< 1	ND
B-00050	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00051	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00052	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00053	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C	2	ND

CDM

Table 2-1. Former Screening Plant Investigation Soil Sample Results – December 1999

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
B-00054	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C	3	ND
B-00055	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	C	4	ND
B-00056	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C	1	ND
B-00057	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00058	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00059	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00060	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00061	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	< 1	ND
B-00062	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00063	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00064	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00065	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	A	ND	ND
B-00066	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00067	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C	1	ND
B-00068	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00069	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00070	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00071	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	A	ND	ND
B-00072	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00073	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00074	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00075	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00076	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00077	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	< 1	ND
B-00078	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	12	PLM-9002	C	1	ND
B-00079	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00080	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00081	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C	1	ND
B-00082	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	< 1	ND
B-00083	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00084	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00085	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	12	PLM-9002	C	2	ND
B-00086	5000 Highway 37 N	12/9/1999	Field Split	B-00002	Surface soil	Railroad Loading Station	Soil	0	12	PLM-9002	B	< 1	ND
B-00087	5000 Highway 37 N	12/10/1999	Field Split	B-00057	Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00088	5000 Highway 37 N	2/23/2000	Field Split	B-00038	Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00089	5000 Highway 37 N	12/10/1999	Field Split	B-00054	Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C	2	ND
B-00090	5000 Highway 37 N	12/9/1999	Field Split	B-00031	Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	C	2	ND
B-00091	5000 Highway 37 N	12/10/1999	Field Split	B-00073	Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00092	5000 Highway 37 N	2/23/2000	Field Split	B-00036	Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00093	5000 Highway 37 N	12/10/1999	Field Split	B-00062	Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00094	5000 Highway 37 N	---	Field Split	B-00053	Soil	Railroad Loading Station	Soil	0	2	PLM-9002	C	4	ND

**Notes and Definitions:**

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-2. Former Screening Plant Investigation Soil Sample Results – March 2000

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results				
										Method	LA Bin	LA (%)	C (%)	
1-00146	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND		ND
1-00147	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND		ND
1-00157	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C		1	ND
1-00158	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	C		1	ND
1-00159	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C		2	ND
1-00163	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	C		2	ND
1-00164	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C		2	ND
1-00165	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	C		3	ND
1-00166	5000 Highway 37 N	3/8/2000	Field Sample		Other	Property		0	2	PLM-9002	B	< 1		ND
1-00167	5000 Highway 37 N	3/8/2000	Field Sample		Other	Property		2	12	PLM-9002	B	< 1		ND
1-00168	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1		ND
1-00169	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1		ND
1-00170	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1		ND
1-00171	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1		ND
1-00172	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1		ND
1-00173	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	B	< 1		ND
1-00174	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1		ND
1-00175	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1		ND
1-00176	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND		ND
1-01265	5000 Highway 37 N	3/8/2000	Field Duplicate	1-00165	Surface soil	Property	Soil	2	12	PLM-9002	C		3	ND
1-01268	5000 Highway 37 N	3/8/2000	Field Duplicate	1-00163	Surface soil	Property	Soil	2	12	PLM-9002	C		5	ND

**Notes and Definitions:**

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than



Table 2-3. Former Screening Plant Investigation Soil Sample Results – July 2000

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1-01661	5000 Highway 37 N	7/13/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C	2	ND
1-01662	5000 Highway 37 N	7/13/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	A	ND	ND
1-01663	5000 Highway 37 N	7/13/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
1-01664	5000 Highway 37 N	7/13/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	< 1	ND
1-01665	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
1-01666	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	< 1	ND
1-01667	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
1-01668	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	< 1	ND
1-01669	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
1-01670	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	< 1	ND
1-01671	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
1-01672	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	< 1	ND
1-01673	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
1-01674	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	A	ND	ND
1-01675	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
1-01676	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	< 1	ND
1-01677	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
1-01678	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	< 1	ND
1-01679	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
1-01680	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	A	ND	ND
1-01681	Highway 37 N (Wise Property)	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
1-01682	Highway 37 N (Wise Property)	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	A	ND	ND
1-01683	Highway 37 N (Wise Property)	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
1-01684	Highway 37 N (Wise Property)	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	A	ND	ND
1-01685	Highway 37 N Government Lot #4	7/15/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
1-01686	Highway 37 N Government Lot #4	7/15/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND	ND
1-01687	Highway 37 N Government Lot #4	7/15/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND
1-01688	Highway 37 N Government Lot #4	7/15/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND	ND
1-01689	Highway 37 N Government Lot #4	7/15/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
1-01690	Highway 37 N Government Lot #4	7/15/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND	ND
1-01691	Highway 37 N Government Lot #4	7/15/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
1-01692	Highway 37 N Government Lot #4	7/15/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	B	< 1	ND
1-01693	Highway 37 N Government Lot #4	7/15/2000	Field Sample		Mining waste	Property		0	2	PLM-9002	C	2	ND
1-01694	Highway 37 N Government Lot #4	7/15/2000	Field Sample		Mining waste	Property		2	12	PLM-9002	C	2	ND
1-01695	Highway 37 N Government Lot #4	7/15/2000	Field Sample		Mining waste	Property		0	2	PLM-9002	B	< 1	ND
1-01696	Highway 37 N Government Lot #4	7/15/2000	Field Sample		Mining waste	Property		2	12	PLM-9002	C	2	ND

Table 2-3. Former Screening Plant Investigation Soil Sample Results – July 2000

**Notes and Definitions:**

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-4 Former Screening Plant Investigative Dust Sample Results - March 2000

Sample ID	Property Group (Location)	Sample Date	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Category	Vol (air = L) or Area (dust = cm <sup>2</sup> )	Analytical Results (Method ISO10312) (Air = S/cc; Dust = S/cm <sup>2</sup> )																											
									Grid Openings	Filter Status	Libby Amphibole (LA)							Chrysotile (C)							Other Amphibole (OA)											
											Excluded Structures			Structures Detected				Total Conc. LA	Total Count LA	Excluded Structures			Structures Detected				Total Conc. C	Total Count C	Excluded Structures			Structures Detected			Total Conc. OA	Total Count OA
											Aspect Ratio <5:1	Length <0.5 u	Dia- meter >0.5u	Length 0.5 to 5 u	Length 5 to 10 u	Length >10 u	Total			Aspect Ratio <5:1	Length <0.5 u	Dia- meter >0.5 u	Length 0.5 to 5 u	Length 5 to 10 u	Length >10 u	Aspect Ratio <5:1			Length <0.5 u	Dia- meter >0.5 u	Length 0.5 to 5 u	Length 5 to 10 u	Length >10 u			
1-00600	5000 Highway 37 N	3/15/2000	Auto	Remelt boat #MT1949A/JU	Dust	Vehicle	Field Sample	100	10		C	0	0	110.393	424.590	101.932	33.987	670.852	79	0	0	0	8.492	8.492	8.492	25.475	3	0	0	0	0	0	0			
1-00601	5000 Highway 37 N	3/15/2000	Auto	GREEN LINCOLN CONTINENTAL #56 585GB	Dust	Vehicle	Field Sample	100	9		C	0	0	13.209	113.224	47.177	15.087	188.707	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
1-00602	5000 Highway 37 N	3/15/2000	Auto	Seawind speedboat Southwest corner of building	Dust	Vehicle	Field Sample	100	10		C	0	0	50.951	195.311	58.443	0	305.705	36	0	0	0	8.492	0	0	8.492	1	0	0	0	0	0	0			
1-00603	5000 Highway 37 N	3/15/2000	Auto	Smoker craft magnum 162 Northeast corner	Dust	Vehicle	Field Sample	100	10		C	0	0	1.698	5.095	8.492	1.698	16.984	10	0	0	0	8.793	0	0	6.793	4	0	0	0	0	0	0			
1-00604	5000 Highway 37 N	3/15/2000	Auto	Pontiac Sunrise #569558A	Dust	Vehicle	Field Sample	100	10		C	0	0	110.393	339.672	110.393	33.987	594.426	70	0	0	0	8.492	16.984	0	25.475	3	0	0	0	0	0	0			

Notes and Definitions:  
The report excludes all lab quality control results such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.  
N/A = not applicable  
L = liters  
cm² = square centimeter  
S/cc = Structures per cubic centimeter  
S/cm² = Structures per square centimeter  
LA = Libby Amphibole  
C = Chrysotile  
OA = Other Amphibole  
< = less than  
u = micron  
> = greater than

Table 2-5. Former Screening Plant - Test Pit Results - August 2000

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1R-00780	5000 Highway 37 N	8/11/2000	Field Sample		Other	Property		0	2	PLM-9002	C	2	ND
1R-00813	5000 Highway 37 N	8/12/2000	Field Sample		Other	Property		0	2	PLM-9002	C	2	ND
1R-01011	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		12	14	PLM-9002			
1R-01012	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		24	26	PLM-9002			
1R-01013	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		36	38	PLM-9002			
1R-01014	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		48	50	PLM-9002	C	2	ND
1R-01015	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		72	74	PLM-9002	C	2	ND
1R-01016	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		96	98	PLM-9002	C	2	ND
1R-01017	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		72	74	PLM-9002			
1R-01018	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		84	86	PLM-9002			
1R-01019	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		96	98	PLM-9002	C	2	ND
1R-01020	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		108	110	PLM-9002	A	ND	ND
1R-01101	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		72	74	PLM-9002	C	2	ND
1R-01102	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		84	86	PLM-9002	C	2	ND
1R-01103	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		108	110	PLM-9002	C	2	ND
1R-01104	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		132	134	PLM-9002	C	4	ND
1R-01105	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		156	158	PLM-9002	C	5	ND
1R-01106	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		12	14	PLM-9002	C	2	ND
1R-01107	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		24	26	PLM-9002	C	2	ND
1R-01117	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		12	14	PLM-9002	A	ND	ND
1R-01118	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		24	26	PLM-9002	A	ND	ND
1R-01119	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		36	38	PLM-9002	A	ND	ND
1R-01120	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		48	50	PLM-9002	B	< 1	ND
1R-01123	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		60	62	PLM-9002			
1R-01124	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		72	74	PLM-9002			
1R-01125	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		84	86	PLM-9002			
1R-01126	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		96	98	PLM-9002	C	2	ND
1R-01127	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		120	122	PLM-9002	C	2	ND
1R-01129	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		48	50	PLM-9002			
1R-01130	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property	Soil	60	62	PLM-9002			
1R-01131	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property	Soil	72	74	PLM-9002			
1R-01132	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property	Soil	84	86	PLM-9002	C	2	ND
1R-01133	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property	Soil	132	134	PLM-9002	C	2	ND
1R-01134	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property	Soil	156	158	PLM-9002	C	2	ND
1R-01135	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		12	14	PLM-9002			
1R-01136	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		24	26	PLM-9002			
1R-01137	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		36	38	PLM-9002			
1R-01138	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		48	50	PLM-9002	C	2	ND
1R-01139	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		72	74	PLM-9002	C	2	ND
1R-01140	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		96	98	PLM-9002	C	2	ND
1R-01141	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		12	14	PLM-9002	C	2	ND
1R-01142	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		24	36	PLM-9002	A	ND	ND
1R-01143	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		36	38	PLM-9002	A	ND	ND
1R-01144	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		48	50	PLM-9002	A	ND	ND
1R-01145	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		72	74	PLM-9002			
1R-01146	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		12	14	PLM-9002	C	2	ND
1R-01147	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		24	26	PLM-9002	A	ND	ND
1R-01148	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		24	26	PLM-9002			
1R-01149	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		60	62	PLM-9002	C	2	ND
1R-01150	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		96	98	PLM-9002	C	2	ND
1R-01151	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		12	14	PLM-9002			
1R-01152	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		24	26	PLM-9002	C	2	ND
1R-01153	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		108	110	PLM-9002	A	ND	ND

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Table 2-5. Former Screening Plant - Test Pit Results - August 2000

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1R-01154	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		48	50	PLM-9002	A	ND	ND
1R-01155	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		72	74	PLM-9002			
1R-01159	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		48	50	PLM-9002	C	2	ND
1R-01160	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		60	62	PLM-9002	C	3	ND
1R-01301	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		72	74	PLM-9002	A	ND	ND
1R-01302	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		12	14	PLM-9002			ND
1R-01303	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		24	26	PLM-9002			ND
1R-01304	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		36	38	PLM-9002			ND
1R-01305	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		48	50	PLM-9002	C	2	ND
1R-01306	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		72	74	PLM-9002	C	2	ND
1R-01307	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		96	98	PLM-9002	A	ND	ND
1R-01308	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		12	14	PLM-9002	A	ND	ND
1R-01309	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		24	26	PLM-9002	A	ND	ND
1R-01310	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		36	38	PLM-9002	B	< 1	ND
1R-01311	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		48	50	PLM-9002	B	< 1	ND
1R-01312	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		84	86	PLM-9002	A	ND	ND
1R-01313	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		12	14	PLM-9002	A	ND	ND
1R-01314	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		24	26	PLM-9002	A	ND	ND
1R-01315	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		36	38	PLM-9002	A	ND	ND
1R-01316	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		48	50	PLM-9002	A	ND	ND
1R-01317	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		72	74	PLM-9002	A	ND	ND

**Notes and Definitions:**

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-6. Former Screening Plant Removal-related Soil Sample Results - August to October 2000

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1R-00779	5000 Highway 37 N	8/10/2000	Field Sample		Other	Property		0	2	PLM-9002	B	< 1	ND
1R-00814	5000 Highway 37 N	8/14/2000	Field Sample		Other	Property		0	2	PLM-9002	C	2	ND
1R-01004	5000 Highway 37 N	8/18/2000	Field Sample		Other	Property		36	38	PLM-9002	C	2	ND
1R-01005	5000 Highway 37 N	8/18/2000	Field Sample		Other	Property		0	2	PLM-9002	C	2	ND
1R-01006	5000 Highway 37 N	8/19/2000	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	C	2	ND
1R-01007	5000 Highway 37 N	8/19/2000	Field Sample		Subsurface soil	Property	Soil	12	14	PLM-9002	C	2	ND
1R-01008	5000 Highway 37 N	8/19/2000	Field Sample		Subsurface soil	Property	Soil	12	14	PLM-9002	C	2	ND
1R-01009	5000 Highway 37 N	8/19/2000	Field Sample		Other	Property		36	38	PLM-9002	C	2	ND
1R-01010	5000 Highway 37 N	8/19/2000	Field Sample		Other	Property		36	38	PLM-9002	C	2	ND
1R-01108	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		30	32	PLM-9002	C	3	ND
1R-01109	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		30	32	PLM-9002	C	2	ND
1R-01110	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		48	50	PLM-9002	C	3	ND
1R-01111	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		48	50	PLM-9002	C	2	ND
1R-01112	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		24	26	PLM-9002	C	2	ND
1R-01113	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		24	26	PLM-9002	C	2	ND
1R-01114	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		24	26	PLM-9002	C	2	ND
1R-01115	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		24	26	PLM-9002	C	3	ND
1R-01116	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		24	26	PLM-9002	C	2	ND
1R-01156	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		18	20	PLM-9002	C	2	ND
1R-01157	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		18	20	PLM-9002	C	2	ND
1R-01158	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		48	50	PLM-9002	C	2	ND
1R-01318	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		0	0	PLM-9002	B	< 1	ND
1R-01319	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		0	0	PLM-9002	B	< 1	ND
1R-01320	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		0	0	PLM-9002	B	< 1	ND
1R-01321	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		0	0	PLM-9002	C	2	ND
1R-01322	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		0	0	PLM-9002	C	3	ND
1R-01323	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		0	0	PLM-9002	C	2	ND
1R-01325	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		0	0	PLM-9002	C	2	ND
1R-01326	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		0	0	PLM-9002	C	2	ND
1R-01327	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		0	0	PLM-9002	C	2	ND
1R-01328	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		24	26	PLM-9002	C	3	ND
1R-01329	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		48	50	PLM-9002	C	3	ND
1R-01330	5000 Highway 37 N	8/25/2000	Field Sample		Other	Property		24	26	PLM-9002	C	2	ND
1R-01331	5000 Highway 37 N	8/25/2000	Field Sample		Other	Property		48	50	PLM-9002	C	2	ND
1R-01332	5000 Highway 37 N	8/25/2000	Field Sample		Other	Property		12	14	PLM-9002	C	2	ND
1R-01333	5000 Highway 37 N	8/25/2000	Field Sample		Other	Property		36	38	PLM-9002	C	2	ND
1R-01395	5000 Highway 37 N	8/30/2000	Field Sample		Other	Property		48	50	PLM-9002	C	3	ND
1R-01397	5000 Highway 37 N	8/30/2000	Field Sample		Other	Property		48	50	PLM-9002	C	2	ND
1R-01399	5000 Highway 37 N	8/30/2000	Field Sample		Other	Property		48	50	PLM-9002	C	2	ND
1R-01400	5000 Highway 37 N	8/30/2000	Field Sample		Other	Property		48	50	PLM-9002	C	2	ND
1R-01418	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		48	50	PLM-9002	C	2	ND
1R-01419	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		24	26	PLM-9002	C	3	ND
1R-01611	5000 Highway 37 N	9/14/2000	Field Sample		Surface soil	Property	Soil	18	22	PLM-9002	C	2	ND
1R-01612	5000 Highway 37 N	9/14/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01628	5000 Highway 37 N	9/18/2000	Field Sample		Surface soil	Property	Soil	84	88	PLM-9002	C	2	NO
1R-01629	5000 Highway 37 N	9/18/2000	Field Sample		Surface soil	Property	Soil	120	124	PLM-9002	C	2	ND
1R-01630	5000 Highway 37 N	9/18/2000	Field Sample		Surface soil	Property	Soil	156	160	PLM-9002	C	2	ND
1R-01631	5000 Highway 37 N	9/18/2000	Field Sample		Surface soil	Property	Soil	240	244	PLM-9002	C	2	ND
1R-01632	5000 Highway 37 N	9/18/2000	Field Sample		Surface soil	Property	Soil	168	172	PLM-9002	C	2	ND
1R-01801	5000 Highway 37 N	9/13/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	3	ND
1R-01802	5000 Highway 37 N	9/13/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01803	5000 Highway 37 N	9/13/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01804	5000 Highway 37 N	9/13/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND

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Table 2-6

Table 2-6. Former Screening Plant Removal-related Soil Sample Results - August to October 2000

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1R-01805	5000 Highway 37 N	9/13/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01806	5000 Highway 37 N	9/13/2000	Field Sample		Surface soil	Property	Soil	3	3.3	PLM-9002	C	2	ND
1R-01807	5000 Highway 37 N	9/13/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01808	5000 Highway 37 N	9/13/2000	Field Sample		Surface soil	Property	Soil	1	1.4	PLM-9002	C	2	ND
1R-01809	5000 Highway 37 N	9/12/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01810	5000 Highway 37 N	9/12/2000	Field Sample		Surface soil	Property	Soil	1	1.3	PLM-9002	C	2	ND
1R-01811	5000 Highway 37 N	9/12/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01812	5000 Highway 37 N	9/12/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01813	5000 Highway 37 N	9/13/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01814	5000 Highway 37 N	9/12/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01815	5000 Highway 37 N	9/13/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01816	5000 Highway 37 N	9/13/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01817	5000 Highway 37 N	9/13/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01818	5000 Highway 37 N	9/13/2000	Field Duplicate	1R-01816	Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01820	5000 Highway 37 N	9/14/2000	Field Sample		Surface soil	Property	Soil	18	22	PLM-9002	C	2	ND
1R-02088	5000 Highway 37 N	9/21/2000	Field Sample		Surface soil	Property	Soil	12	16	PLM-9002	B	< 1	ND
1R-02090	5000 Highway 37 N	9/22/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	C	2	ND
1R-02091	5000 Highway 37 N	9/22/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	C	2	ND
1R-02092	5000 Highway 37 N	9/22/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	C	2	ND
1R-02093	5000 Highway 37 N	9/25/2000	Field Sample		Surface soil	Property	Soil	144	148	PLM-9002	B	< 1	ND
1R-02094	5000 Highway 37 N	9/25/2000	Field Sample		Surface soil	Property	Soil	70	74	PLM-9002	C	2	ND
1R-02095	5000 Highway 37 N	9/25/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	B	< 1	ND
1R-02096	5000 Highway 37 N	9/25/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	C	3	ND
1R-02097	5000 Highway 37 N	9/25/2000	Field Sample		Surface soil	Property	Soil	216	220	PLM-9002	B	< 1	ND
1R-02098	5000 Highway 37 N	9/25/2000	Field Sample		Surface soil	Property	Soil	70	240	PLM-9002	C	2	ND
1R-02099	5000 Highway 37 N	9/25/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	B	< 1	ND
1R-02263	5000 Highway 37 N	9/26/2000	Field Sample		Surface soil	Property	Soil	54	58	PLM-9002	C	2	ND
1R-02264	5000 Highway 37 N	9/26/2000	Field Duplicate	1R-02263	Surface soil	Property	Soil	54	58	PLM-9002	C	2	ND
1R-02265	5000 Highway 37 N	9/27/2000	Field Sample		Surface soil	Property	Soil	36	40	PLM-9002	B	< 1	ND
1R-02266	5000 Highway 37 N	9/27/2000	Field Sample		Surface soil	Property	Soil	18	22	PLM-9002	C	6	ND
1R-02267	5000 Highway 37 N	9/27/2000	Field Duplicate	1R-02266	Soil	Property	Soil	18	22	PLM-9002	C	8	ND
1R-02270	Highway 37 N (Wise Property)	9/28/2000	Field Sample		Surface soil	Property	Soil	12	16	PLM-9002	B	< 1	ND
1R-02271	Highway 37 N (Wise Property)	9/28/2000	Field Duplicate	1R-02270	Surface soil	Property	Soil	12	16	PLM-9002	B	< 1	ND
1R-02272	5000 Highway 37 N	9/28/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	B	< 1	ND
1R-02273	5000 Highway 37 N	9/28/2000	Field Sample		Soil	Property	Soil	12	16	PLM-9002	B	< 1	ND
1R-02574	5000 Highway 37 N	10/5/2000	Field Sample		Other	Property		48	52	PLM-9002	C	2	ND
1R-02575	5000 Highway 37 N	10/5/2000	Field Sample		Other	Property		48	52	PLM-9002	C	2	ND
1R-02576	5000 Highway 37 N	10/5/2000	Field Sample		Other	Property		48	52	PLM-9002	C	2	ND
1R-02577	5000 Highway 37 N	10/5/2000	Field Sample		Other	Property		48	52	PLM-9002	C	2	ND
1R-02578	5000 Highway 37 N	10/5/2000	Field Sample		Other	Property		48	52	PLM-9002	C	2	ND
1R-02579	5000 Highway 37 N	10/5/2000	Field Sample		Other	Property		48	52	PLM-9002	C	2	ND
1R-02580	5000 Highway 37 N	10/5/2000	Field Sample		Surface soil	Property	Soil	48	52	PLM-9002	C	2	ND
1R-02581	5000 Highway 37 N	10/5/2000	Field Sample		Surface soil	Property	Soil	48	52	PLM-9002	C	2	ND
1R-02582	5000 Highway 37 N	10/5/2000	Field Sample		Surface soil	Property	Soil	48	52	PLM-9002	C	2	ND
1R-02583	5000 Highway 37 N	10/5/2000	Field Sample		Surface soil	Property	Soil	48	52	PLM-9002	C	2	ND
1R-02585	5000 Highway 37 N	10/6/2000	Field Sample		Surface soil	Property	Soil	24	28	PLM-9002	C	2	ND
1R-02596	5000 Highway 37 N	10/6/2000	Field Sample		Surface soil	Property	Soil	24	28	PLM-9002	C	2	ND
1R-02597	5000 Highway 37 N	10/6/2000	Field Sample		Surface soil	Property	Soil	24	28	PLM-9002	C	2	ND

Table 2-6. Former Screening Plant Removal-related Soil Sample Results - August to October 2000

**Notes and Definitions:**

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

\* = Coordinate data are not available for these samples; therefore, sample locations are not presented graphically in this report.



Table 2-7. Source Fill Material Results - October 2000 through June 2003.

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1R-02771	5000 Highway 37 N	10/26/2000	Field Sample		Surface soil	Property		999	999	PLM-9002	A	ND	ND
1R-02768	5000 Highway 37 N	11/5/2000	Field Sample		Surface soil	Property	Soil	999	999	PLM-9002	A	ND	ND
1R-02776	5000 Highway 37 N	11/6/2000	Field Sample		Surface soil	Property		0	0	PLM-9002	A	ND	ND
1R-11561	5000 Highway 37 N	10/5/2001	Field Sample		Other	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-11562	5000 Highway 37 N	10/5/2001	Field Sample		Other	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-11563	5000 Highway 37 N	10/5/2001	Field Sample		Other	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-11564	5000 Highway 37 N	10/5/2001	Field Sample		Other	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-11566	5000 Highway 37 N	10/5/2001	Field Sample		Other	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-11567	5000 Highway 37 N	10/5/2001	Field Sample		Other	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-11568	5000 Highway 37 N	10/5/2001	Field Sample		Other	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-11569	5000 Highway 37 N	10/5/2001	Field Sample		Other	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-11570	5000 Highway 37 N	10/9/2001	Field Sample		Fill	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-11571	5000 Highway 37 N	10/9/2001	Field Sample		Fill	Property	Ag. fill	0	0	PLM-9002	B	< 1	ND
1R-11572	5000 Highway 37 N	10/10/2001	Field Sample		Fill	Property	Ag. fill	0	0	PLM-9002	B	< 1	ND
1R-11299	5000 Highway 37 N	10/18/2001	Field Sample		Fill	Property	structural fill	0	0	PLM-9002	A	ND	ND
1R-06035	5000 Highway 37 N	10/19/2001	Field Sample		Fill	Property	Subgrade fill	0	0	PLM-9002	A	ND	ND
1R-06037	5000 Highway 37 N	10/19/2001	Field Sample		Fill	Property	subgrade fill	0	0	PLM-9002	A	ND	ND
1R-06038	5000 Highway 37 N	10/23/2001	Field Sample		Fill	Property	30000 yd3 verification	999	999	PLM-9002	A	ND	ND
1R-06040	5000 Highway 37 N	10/23/2001	Field Sample		Fill	Property	32500 verification	999	999	PLM-9002	A	ND	ND
1R-09946	5000 Highway 37 N	10/26/2001	Field Sample		Fill	Property	re rig	0	0	PLM-9002	A	ND	ND
1R-11300	5000 Highway 37 N	10/26/2001	Field Sample		Fill	Property	nixon pit	0	0	PLM-9002	A	ND	ND
1R-12941	5000 Highway 37 N	10/29/2001	Field Sample		Fill	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-12942	5000 Highway 37 N	10/30/2001	Field Sample		Fill	Property	re-rig	0	0	PLM-9002	A	ND	ND
1R-09951	5000 Highway 37 N	10/31/2001	Field Sample		Fill	Property	noble structural 2	0	0	PLM-9002	A	ND	ND
1R-09953	5000 Highway 37 N	11/1/2001	Field Sample		Fill	Property	noble structural pit #2	0	4	PLM-9002	A	ND	ND
1R-11306	5000 Highway 37 N	11/2/2001	Field Sample		Fill	Property	noble pit 2 structural re-rig	0	0	PLM-9002	A	ND	ND
1R-13441	5000 Highway 37 N	11/5/2001	Field Sample		Fill	Property	re rig	0	0	PLM-9002	A	ND	ND
1R-13442	5000 Highway 37 N	11/5/2001	Field Sample		Fill	Property	re rig	0	0	PLM-9002	A	ND	ND
1R-13452	5000 Highway 37 N	11/7/2001	Field Sample		Fill	Property	re-rig dam	0	0	PLM-9002	A	ND	ND
1R-13459	5000 Highway 37 N	11/8/2001	Field Sample		Fill	Property	birk pit (plum creek)	0	0	PLM-9002	A	ND	ND
1R-13461	5000 Highway 37 N	11/9/2001	Field Sample		Driveway	Property	birk pit (plum creek)	0	0	PLM-9002	A	ND	ND
1R-13462	5000 Highway 37 N	11/10/2001	Field Sample		Fill	Property	fill pit (nixon)	0	0	PLM-9002	A	ND	ND
1R-13463	5000 Highway 37 N	11/13/2001	Field Sample		Fill	Property	Plum Creek	0	0	PLM-9002	A	ND	ND
1R-13464	5000 Highway 37 N	11/14/2001	Field Sample		Fill	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-13465	5000 Highway 37 N	11/16/2001	Field Sample		Fill	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-13466	5000 Highway 37 N	11/16/2001	Field Sample		Fill	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-13467	5000 Highway 37 N	11/19/2001	Field Sample		Fill	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-13468	5000 Highway 37 N	11/19/2001	Field Sample		Fill	Property	structural fill	0	0	PLM-9002	A	ND	ND
1R-13469	5000 Highway 37 N	11/27/2001	Field Sample		Fill	Property		999	999	PLM-9002	A	ND	ND
1R-20781	KDC Flyway	6/6/2003	Field Sample		Fill	Barrow Source	NW corner of Flyway stock pile	0	4	PLM-9002	A	ND	ND

## Notes and Definitions:

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

B suffix in Sample ID = non-processed sample

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-8. Former Screening Plant Investigation Soil Sample Results – March 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1-02093*	5000 Highway 37 N	3/28/2001	Field Sample		Surface soil	Property	Driveway	12	24	PLM-9002	B	< 1	ND
1-02094*	5000 Highway 37 N	3/28/2001	Field Sample		Surface soil	Property	Driveway	6	12	PLM-9002	B	< 1	ND
1-02095*	5000 Highway 37 N	3/28/2001	Field Sample		Surface soil	Property	Driveway	6	18	PLM-9002	B	< 1	ND
1-02096*	5000 Highway 37 N	3/28/2001	Field Sample		Surface soil	Property	Driveway	18	30	PLM-9002	B	< 1	ND

**Notes and Definitions:**

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

\* = Coordinate data are not available for these samples; therefore, sample locations are not presented graphically in this report.

Table 2-9. Former Screening Plant Investigation Soil Sample Results – April and May 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1-02151	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02151-FG	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	A	ND	ND
1-02152	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02152-FG	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	A	ND	ND
1-02153	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02153-FG	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	A	ND	ND
1-02154	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02154-FG	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	B1	TR	ND
1-02155	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02155-FG	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	A	ND	ND
1-02156	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02156-FG	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	A	ND	ND
1-02157	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02157-FG	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	B1	TR	ND
1-02158	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02158-FG	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	B1	TR	ND
1-02159	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02159-FG	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	B1	TR	ND
1-02160	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02160-FG	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	B1	TR	ND
1-02161	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02161-FG	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	C	2	ND
1-02162	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02162-FG	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	C	3	ND
1-02211	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	C	2	ND
1-02211-FG	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	B2	< 1	ND
1-02212	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	C	2	ND
1-02212-FG	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	B2	< 1	ND
1-02213	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	C	3	ND
1-02213-FG	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	C	3	ND
1-02214	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	C	2	ND
1-02214-C	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-Grav	C	17.477	ND
1-02214-FG	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	B1	TR	ND
1-02295	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02295-C	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	C	3	ND
1-02295-FG1	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-Grav	B1	0.005	ND
1-02296	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	C	2	ND
1-02296-F	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	C	1	ND
1-02297	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	C	2	ND
1-02297-C	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-Grav	A	ND	ND
1-02298	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	C	2	ND
1-02298-C	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-Grav	A	ND	ND
1-02298-FG1	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	B2	< 1	ND
1-02299	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	C	3	ND
1-02299-C	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-Grav	A	ND	ND
1-02299-FG1	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	C	2	ND
1-02300	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02300-C	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-Grav	A	ND	ND
1-02300-FG1	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	C	1	ND
1-02301	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	C	2	ND
1-02301-C	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-Grav	A	ND	ND
1-02301-FG1	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	C	2	ND
1-02302	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND

CDM

Table 2-9

Table 2-9. Former Screening Plant Investigation Soil Sample Results – April and May 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1-02302-C	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-Grav	A	ND	ND
1-02302-FG1	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	B2	< 1	ND
1-02303	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02303-C	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-Grav	A	ND	ND
1-02303-FG1	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	B2	< 1	ND
1-02416	Rainey Creek Bank (Lower Reach)	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02417	5000 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02418	5000 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02419	Rainey Creek Bank (Lower Reach)	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02420	Rainey Creek Bank (Lower Reach)	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02421	Rainey Creek Bank (Lower Reach)	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02422	Rainey Creek Bank (Lower Reach)	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02423	Rainey Creek Bank (Lower Reach)	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02424	Rainey Creek Bank (Lower Reach)	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02425	Rainey Creek Bank (Lower Reach)	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02426	Rainey Creek Bank (Lower Reach)	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	3	ND
1-02427	Rainey Creek Bank (Lower Reach)	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	2	ND
1-02428	Rainey Creek Bank (Lower Reach)	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	15	ND
1-02429	Rainey Creek Bank (Lower Reach)	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	2	ND
1-02430	5062 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	20	ND
1-02431	5063 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	20	ND
1-02432	5064 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	3	ND
1-02433	5065 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	3	ND
1-02434	5066 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	3	ND
1-02435	5067 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	3	ND
1-02436	5068 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	3	ND
1-02437	5069 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	5	ND
1-02438	5070 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	5	ND
1-02439	5071 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	2	ND
1-02440	5072 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	15	ND

**Notes and Definitions:**

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc

FG suffix in Sample ID = fine ground sample portion

C suffix in Sample ID = coarse ground sample portion

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

PLM-VE = visual estimation method

< = less than

**CDM**

Table 2-10. Former Screening Plant Removal-related Soil Sample Results - August to November 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1R-06028	Rainy Creek (Lower Reach)	8/13/2001	Field Sample		Sediment	Property	Rainy creek catch basin			PLM-9002	C	2	ND
1R-06029*	5000 Highway 37 N	10/18/2001	Field Sample		Subsurface soil	Property	yard soil	0	6	PLM-9002	A	ND	ND
1R-06030*	5000 Highway 37 N	10/18/2001	Field Sample		Surface soil	Property	hwy 37	0	6	PLM-9002	B	< 1	ND
1R-09947*	5000 Highway 37 N	10/31/2001	Field Sample		Surface soil	Property	river bank 500-600	0	4	PLM-9002	A	ND	ND
1R-09948*	5000 Highway 37 N	10/31/2001	Field Sample		Surface soil	Property	river bank 600-700	0	4	PLM-9002	A	ND	ND
1R-09949*	5000 Highway 37 N	10/31/2001	Field Sample		Surface soil	Property	700-800	0	4	PLM-9002	A	ND	ND
1R-09950*	5000 Highway 37 N	10/31/2001	Field Sample		Subsurface soil	Property	river bank 8-900	0	4	PLM-9002	B	< 1	ND
1R-09952*	5000 Highway 37 N	11/1/2001	Field Sample		Subsurface soil	Property	River bank 900-1000	0	4	PLM-9002	A	ND	ND
1R-10421	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	other	0	4	PLM-9002	B	< 1	ND
1R-10422	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	other	0	4	PLM-9002	B	< 1	ND
1R-10423	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	soil	0	4	PLM-9002	B	< 1	ND
1R-10424	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	other	0	4	PLM-9002	A	ND	ND
1R-10425	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	other	0	4	PLM-9002	A	ND	ND
1R-10426	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	other	0	4	PLM-9002	B	< 1	ND
1R-10427	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	soil	0	4	PLM-9002	B	< 1	ND
1R-10428	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	soil	0	4	PLM-9002	B	< 1	ND
1R-10429	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	soil	0	4	PLM-9002	A	ND	ND
1R-10430	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	soil	0	4	PLM-9002	B	< 1	ND
1R-10431	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	soil	0	4	PLM-9002	A	ND	ND
1R-10432	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	soil	0	4	PLM-9002	A	ND	ND
1R-10433	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	soil	0	4	PLM-9002	A	ND	ND
1R-10434	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	soil	0	4	PLM-9002	B	< 1	ND
1R-10435	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	soil	0	4	PLM-9002	B	< 1	ND
1R-10534	5000 Highway 37 N	9/27/2001	Field Sample		Surface soil	Property	removal area	0	4	PLM-9002	B	< 1	ND
1R-10540	5000 Highway 37 N	10/2/2001	Field Sample		Surface soil	Property	Screen plant	0	2	PLM-9002	C	2	ND
1R-11281	5000 Highway 37 N	10/2/2001	Field Sample		Surface soil	Property	screen plant	0	2	PLM-9002	B	< 1	ND
1R-11282	5000 Highway 37 N	10/2/2001	Field Sample		Surface soil	Property	screen plant	0	2	PLM-9002	B	< 1	ND
1R-11283	5000 Highway 37 N	10/2/2001	Field Sample		Surface soil	Property	screen plant	0	2	PLM-9002	C	2	ND
1R-11284	5000 Highway 37 N	10/2/2001	Field Sample		Surface soil	Property	screen plant	0	2	PLM-9002	B	< 1	ND
1R-11285	5000 Highway 37 N	10/2/2001	Field Sample		Surface soil	Property	screen plant	0	2	PLM-9002	B	< 1	ND
1R-11286	5000 Highway 37 N	10/2/2001	Field Sample		Surface soil	Property	Screen Plant	0	2	PLM-9002	B	< 1	ND
1R-11287	5000 Highway 37 N	10/2/2001	Field Sample		Surface soil	Property	Screen Plant	0	2	PLM-9002	B	< 1	ND
1R-11288	5000 Highway 37 N	10/3/2001	Field Sample		Surface soil	Property	screen plant	0	2	PLM-9002	B	< 1	ND
1R-11289	5000 Highway 37 N	10/3/2001	Field Sample		Surface soil	Property	screen plant	0	2	PLM-9002	C	2	ND
1R-11301	5000 Highway 37 N	10/20/2001	Field Sample		Subsurface soil	Property	Rt 37 row	0	4	PLM-9002	A	ND	ND
1R-11302	5000 Highway 37 N	10/20/2001	Field Sample		Subsurface soil	Property	riverbank	0	4	PLM-9002	A	ND	ND
1R-11303	5000 Highway 37 N	10/20/2001	Field Sample		Subsurface soil	Property	riverbank	0	4	PLM-9002	A	ND	ND
1R-11304	5000 Highway 37 N	10/20/2001	Field Sample		Subsurface soil	Property	riverbank	0	4	PLM-9002	A	ND	ND
1R-11305	5000 Highway 37 N	10/20/2001	Field Sample		Subsurface soil	Property	riverbank	0	4	PLM-9002	A	ND	ND
1R-13444	Rainy Creek Bank (Lower Reach)	11/6/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	B	< 1	ND
1R-13445	Rainy Creek Bank (Lower Reach)	11/6/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	A	ND	ND
1R-13446	Rainy Creek Bank (Lower Reach)	11/6/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	A	ND	ND
1R-13447	Rainy Creek Bank (Lower Reach)	11/6/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	B	< 1	ND
1R-13448	Rainy Creek Bank (Lower Reach)	11/6/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	B	< 1	ND
1R-13449	Rainy Creek Bank (Lower Reach)	11/6/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	B	< 1	ND

Table 2-10. Former Screening Plant Removal-related Soil Sample Results - August to November 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1R-13450	Rainy Creek Bank (Lower Reach)	11/6/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	B	< 1	ND
1R-13451	Rainy Creek Bank (Lower Reach)	11/6/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	B	< 1	ND
1R-13454	Rainy Creek Bank (Lower Reach)	11/7/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	B	< 1	ND
1R-13455	Rainy Creek Bank (Lower Reach)	11/7/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	A	ND	ND
1R-13456	Rainy Creek Bank (Lower Reach)	11/7/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	B	< 1	ND
1R-13457	Rainy Creek Bank (Lower Reach)	11/7/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	B	< 1	ND
1R-13458	Rainy Creek Bank (Lower Reach)	11/7/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	B	< 1	ND

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LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

\* = Coordinate data are not available for these samples; therefore, sample locations are not presented graphically in this report.

Table 2-11. Former Screening Plant Removal-related Soil Sample Results - August to October 2002

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results				
										Method	LA Bin	LA (%)	C (%)	
1R-14861	5000 Highway 37 N	8/26/2002	Field Sample		Surface soil	Property	N & S strip 20 ft inside perimeter fence	0	2	PLM-9002	A	ND		ND
1R-14862	5000 Highway 37 N	8/26/2002	Field Sample		Surface soil	Property	E & W side (strip) 20 ft inside perimeter fence	0	2	PLM-9002	A	ND		ND
1R-14863	5000 Highway 37 N	8/27/2002	Field Sample		Surface soil	Property	N & S 50x20 inside perimeter fence	0	2	PLM-9002	A	ND		ND
1R-14864	5000 Highway 37 N	8/27/2002	Field Sample		Surface soil	Property	W&E 50x20 Inside perimeter fence	0	2	PLM-9002	A	ND		ND
1R-14865	5000 Highway 37 N	8/27/2002	Field Sample		Surface soil	Property	N&S 75x10 Inside perimeter fence	0	2	PLM-9002	A	ND		ND
1R-14866	5000 Highway 37 N	8/28/2002	Field Sample		Surface soil	Property	N-S strip 50'x40', start N corner 100' south	0	2	PLM-9002	C	1		ND
1R-14867	5000 Highway 37 N	8/28/2002	Field Sample		Surface soil	Property	N-S strip, 50'x40' start N corner 100' to south	0	2	PLM-9002	A	ND		ND
1R-14868	5000 Highway 37 N	8/28/2002	Field Sample		Surface soil	Property	N-S strip, 50'x40', start N corner 100' to south	0	2	PLM-9002	A	ND		ND
1R-14869	5000 Highway 37 N	9/5/2002	Field Sample		Surface soil	Property	Screening plant on staging area	0	2	PLM-9002	A	ND		ND
1R-14870	5000 Highway 37 N	9/5/2002	Field Sample		Surface soil	Property	See comments	0	2	PLM-9002	A	ND		ND
1R-14871	5000 Highway 37 N	9/6/2002	Field Sample		Surface soil	Property	Screening plant, old decon area	0	2	PLM-9002	A	ND		ND
1R-14872	5000 Highway 37 N	9/6/2002	Field Sample		Surface soil	Property	Screening plant, old decon area	0	2	PLM-9002	A	ND		ND
1R-14873	5000 Highway 37 N	9/6/2002	Field Sample		Surface soil	Property	Screening plant, old decon area	0	2	PLM-9002	A	ND		ND
1R-14875	5000 Highway 37 N	10/24/2002	Field Sample		Surface soil	Property	N side R.C. 20' S of zone entrance top of bank	0	2	PLM-9002	A	ND		ND
1R-14876	5000 Highway 37 N	10/24/2002	Field Sample		Surface soil	Property	N side rains creek 150 S of zone entrance top of	0	2	PLM-9002	A	ND		ND
1R-14877	5000 Highway 37 N	10/24/2002	Field Sample		Surface soil	Property	20' from Decon Pad S. top of bank	0	2	PLM-9002	A	ND		ND
1R-14878	5000 Highway 37 N	10/24/2002	Field Sample		Surface soil	Property	100' from Decon Pad S in mid slope	0	2	PLM-9002	A	ND		ND
1R-14879	5000 Highway 37 N	10/24/2002	Field Sample		Surface soil	Property	200' from Decan Pad S top of bank	0	2	PLM-9002	A	ND		ND
1R-15161	5000 Highway 37 N	9/7/2002	Field Sample		Surface soil	Property	Property	0	4	PLM-9002	A	ND		ND
1R-15162	5000 Highway 37 N	9/7/2002	Field Sample		Surface soil	Property	Property	0	4	PLM-9002	A	ND		ND
1R-15163	5000 Highway 37 N	10/4/2002	Field Sample		Surface soil	Property	By tree, South of creek	0	2	PLM-9002	B	< 1		ND
1R-15164	5000 Highway 37 N	10/4/2002	Field Sample		Surface soil	Property	South of creek: Strip	0	2	PLM-9002	B	< 1		ND
1R-15165	5000 Highway 37 N	10/4/2002	Field Sample		Surface soil	Property	1st 100 ft. back; N. side	0	2	PLM-9002	A	ND		ND
1R-15166	5000 Highway 37 N	10/4/2002	Field Sample		Surface soil	Property	2nd 100 ft.; N. side	0	2	PLM-9002	A	ND		ND
1R-15167	5000 Highway 37 N	10/4/2002	Field Sample		Surface soil	Property	North of creek	0	2	PLM-9002	A	ND		ND
1R-15677	Rainy Creek Bank (Lower Reach)	10/3/2002	Field Sample		Surface soil	Rainey Creek Bank	1st 200 Ft. Bank Sample	0	2	PLM-9002	A	ND		ND
1R-15678	Rainy Creek Bank (Lower Reach)	10/3/2002	Field Sample		Surface soil	Rainey Creek Bank	2nd 200 Ft. Bank Sample	0	2	PLM-9002	A	ND		ND

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LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-12. Former Screening Plant - Tree Storage Area Soil Sample Results – March 2003

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1-07757*	5000 Highway 37 N	3/25/2003	Field Sample		Surface soil	Location #1	North of enclosure; Sample taken from rootballs	0	12	PLM-9002	A	ND	ND
1-07758*	5000 Highway 37 N	3/25/2003	Field Sample		Surface soil	Location #2	NW Quadrant within enclosure; Sample taken from ro	0	12	PLM-9002	A	ND	ND
1-07759*	5000 Highway 37 N	3/25/2003	Field Sample		Surface soil	Location #3	NE Quadrant within enclosure; Sample taken from ro	0	12	PLM-9002	A	ND	ND
1-07760*	5000 Highway 37 N	3/25/2003	Field Sample		Surface soil	Location #4	SW Quadrant within enclosure	0	12	PLM-9002	A	ND	ND
1-07761*	5000 Highway 37 N	3/25/2003	Field Sample		Surface soil	Location #5	SE Quadrant within enclosure	0	12	PLM-9002	A	ND	ND
1-07762*	5000 Highway 37 N	3/25/2003	Field Sample		Surface soil	Location #6	South of enclosure; Sample taken from rootballs	0	12	PLM-9002	A	ND	ND
1-07763*	5000 Highway 37 N	3/25/2003	Field Sample		Surface soil	Location #1	North of enclosure; Sample taken from soil beneath	0	6	PLM-9002	A	ND	ND
1-07764*	5000 Highway 37 N	3/25/2003	Field Sample		Surface soil	Location #2	NW Quadrant within enclosure; Sample taken from so	0	6	PLM-9002	A	ND	ND
1-07765*	5000 Highway 37 N	3/25/2003	Field Sample		Surface soil	Location #3	NE Quadrant within enclosure; Sample taken from so	0	6	PLM-9002	A	ND	ND
1-07766*	5000 Highway 37 N	3/25/2003	Field Sample		Surface soil	Location #4	SW Quadrant within enclosure; Sample taken from so	0	6	PLM-9002	A	ND	ND
1-07767*	5000 Highway 37 N	3/25/2003	Field Sample		Surface soil	Location #5	SE Quadrant within enclosure; Sample taken from so	0	6	PLM-9002	A	ND	ND
1-07768*	5000 Highway 37 N	3/25/2003	Field Sample		Surface soil	Location #6	South of enclosure; Sample taken from soil beneath	0	6	PLM-9002	A	ND	ND

**Notes and Definitions:**

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LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

\* = Coordinate data are not available for these samples; therefore, sample locations are not presented graphically in this report.



Table 2-13. Former Screening Plant - Tree Storage Area Bulk Sample Results – March 2003

Sample ID	Property Group (Location)	Sample Date	Category	Matrix	Sample Group	Location Description (Sub Location)	Media Type	Analytical Results			
								Method	LA (%)	C (%)	
1-07751*	5000 Highway 37 N	3/25/2003	Field Sample	Other	Location #4	SW Quadrant within enclosure 1416	Bulk	PLM-9002	ND		ND
1-07752*	5000 Highway 37 N	3/25/2003	Field Sample	Other	Location #5	SE Quadrant within enclosure 1418	Bulk	PLM-9002	ND		ND
1-07753*	5000 Highway 37 N	3/25/2003	Field Sample	Other	Location #6	South of enclosure	Bulk	PLM-9002	ND		ND
1-07754*	5000 Highway 37 N	3/25/2003	Field Sample	Other	Location #1	North of enclosure	Bulk	PLM-9002	ND		ND
1-07755*	5000 Highway 37 N	3/25/2003	Field Sample	Other	Location #2	NW Quadrant within fence (enclosure) 1424	Bulk	PLM-9002	ND		ND
1-07756*	5000 Highway 37 N	3/25/2003	Field Sample	Other	Location #3	NE Quadrant within fence 1426	Bulk	PLM-9002	ND		ND

**Notes and Definitions:**

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PLM = polarized light microscopy

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

< = less than

\* = Coordinate data are not available for these samples; therefore, sample locations are not presented graphically in this report.

Table 2-14. Former Screening Plant Removal-related Soil Sample Results - September 2003 and August 2004

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1R-22701-B	Highway 37 N (Right of Way)	9/3/2003	Field Sample		Surface soil	Property	Hwy 37 right of way between 270' & 170' north from	0	6	PLM-9002	B2	< 1	ND
1R-22702-B	Highway 37 N (Right of Way)	9/3/2003	Field Sample		Surface soil	Property	Hwy 37 right of way between 170' & 70' north from	0	6	PLM-9002	B2	< 1	ND
1R-22703-B	Highway 37 N (Right of Way)	9/3/2003	Field Sample		Surface soil	Property	Hwy 37 right of way between 70' & 0' north from	0	6	PLM-9002	A	ND	ND
1R-22704-B	Highway 37 N (Right of Way)	9/3/2003	Field Sample		Surface soil	Property	Hwy 37 right of way between 0' & 100' south from	0	6	PLM-9002	A	ND	ND
1R-22705-B	Highway 37 N (Right of Way)	9/3/2003	Field Sample		Surface soil	Property	Hwy 37 right of way between 100' & 200' south from	0	6	PLM-9002	A	ND	ND
1R-22706-B	Highway 37 N (Right of Way)	9/3/2003	Field Sample		Surface soil	Property	Hwy 37 right of way between 200' & 290' south from	0	6	PLM-9002	A	ND	ND
1R-22707-B	Highway 37 N (Right of Way)	9/3/2003	Field Sample		Surface soil	Property	Hwy 37 right of way collected between 0' & 100'	0	6	PLM-9002	A	ND	ND
1R-22708-B	Highway 37 N (Right of Way)	9/3/2003	Field Sample		Surface soil	Property	Hwy 37 right of way collected between 100' & 200'	0	6	PLM-9002	A	ND	ND
1R-22709-B	Highway 37 N (Right of Way)	9/3/2003	Field Sample		Surface soil	Property	Hwy 37 right of way collected between 200' & 300'	0	6	PLM-9002	A	ND	ND
1R-22710-B	Highway 37 N (Right of Way)	9/3/2003	Field Sample		Surface soil	Property	Hwy 37 right of way collected between 300' & 350'	0	6	PLM-9002	A	ND	ND
1R-22711-B	Highway 37 N (Right of Way)	9/3/2003	Field Duplicate	1R-22710	Surface soil	Property	Hwy 37 right of way collected between 300' & 350'	0	6	PLM-9002	A	ND	ND
1R-26034-B	Highway 37 N (Right of Way)	8/10/2004	Field Sample		Surface soil	Property	See dwg D-1	0	2	PLM-9002	C	3	ND
1R-26035-B	Highway 37 N (Right of Way)	8/10/2004	Field Sample		Surface soil	Property	See dwg D-1	0	2	PLM-9002	B2	< 1	ND
1R-26036-B	Highway 37 N (Right of Way)	8/10/2004	Field Sample		Surface soil	Property	See dwg D-1	0	2	PLM-9002	B2	< 1	ND
1R-26037-B	Highway 37 N (Right of Way)	8/11/2004	Field Sample		Surface soil	Property	See DWG D-1	0	2	PLM-9002	B2	< 1	ND
1R-26038-B	Highway 37 N (Right of Way)	8/11/2004	Field Sample		Surface soil	Property	See DWG D-1	0	2	PLM-9002	B2	< 1	ND
1R-26039-B	Highway 37 N (Right of Way)	8/11/2004	Field Sample		Surface soil	Property	See DWG D-1	0	2	PLM-9002	A	ND	ND
1R-26127-B	Highway 37 N (Right of Way)	8/11/2004	Field Sample		Surface soil	Property	See DWG D-1	0	2	PLM-9002	A	ND	ND

**Notes and Definitions:**

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B suffix in Sample ID = non-processed sample

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-15. Former Screening Plant Potable Water Well Installation - Soil Boring Sample Results - March 2003

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results				
										Method	LA Bin	LA (%)		C (%)
1-07037	5000 Highway 37 N	3/22/2003	Field Sample		Subsurface soil	Well Boring	Parker property	57	57	PLM-9002	C		1	ND
1-07771	5000 Highway 37 N	3/26/2003	Field Sample		Subsurface soil	Well Boring	Parker property	89	89	PLM-9002	A	ND		ND
1-07772	5000 Highway 37 N	3/26/2003	Field Sample		Subsurface soil	Well Boring	Parker property	98	98	PLM-9002	C		1	ND
1R-20021	5000 Highway 37 N	5/5/2003	Field Sample		Surface soil	Well Drilling Yard	Pad used for well drilling constructed of stone	0	6	PLM-9002	A	ND		ND

**Notes and Definitions:**

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LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-16. Former Screening Plant Potable Water Well Installation - Water Sample Results - October 2002 and March 2003

Sample ID	Property Group (Location)	Sample Group	Location Description (Sub Location)	Matrix	Category	Sample Date	Water (EPA 100.2)															
							Grid Openings	Sensitivity (s/L)	Libby Amphibole ( LA )				Sensitivity (s/L)	Chrysotile ( C )				Sensitivity (s/L)	Other Amphiboles ( OA )			
									ALL ( > .5 um )		> 10 um			ALL ( > .5 um )		> 10 um			ALL ( > .5 um )		> 10 um	
									Count	Concentration (s/L)	Count	Concentration (s/L)		Count	Concentration (s/L)	Count	Concentration (s/L)		Count	Concentration (s/L)		
1-07036	5000 Highway 37 N	Well Boring	Parker property	Well water	Field Sample	3/22/2003	2		31	6 8E+11	3	6 6E+10	0	< 2 2E+10	0	< 2 2E+10	0	< 2 2E+10	0	< 2.2E+10		
1-07038	5000 Highway 37 N	Well Boring	Parker's property	Well water	Field Sample	3/23/2003	10		33	7 2E+08	2	4 4E+07	0	< 2 2E+07	0	< 2 2E+07	0	< 2.2E+07	0	< 2 2E+07		
1-07224	5000 Highway 37 N	Well water	Well @ Rainy Creek & Kootenai River	Well water	Field Sample	10/3/2002	10		25	5 5E+08	1	2 2E+07	0	< 2 2E+07	0	< 2.2E+07	0	< 2.2E+07	0	< 2 2E+07		
1-07726	5000 Highway 37 N	Well Boring	Parker property	Well water	Field Sample	4/18/2003	10		0	< 2 2E+06	0	< 2 2E+06	0	< 2 2E+06	0	< 2.2E+06	0	< 2.2E+06	0	< 2 2E+06		
1-07727	5000 Highway 37 N	Well	Parker Property	Well water	Field Sample	4/22/2003	10		0	< 4 4E+05	0	< 4 4E+05	0	< 4 4E+05	0	< 4.4E+05	0	< 4.4E+05	0	< 4 4E+05		
1-07773	5000 Highway 37 N	Well Boring	Parker property	Well water	Field Sample	3/27/2003	10		0	< 2 2E+07	0	< 2 2E+07	0	< 2 2E+07	0	< 2 2E+07	0	< 2.2E+07	0	< 2 2E+07		
1-07783	5000 Highway 37 N	Well Boring	Parker property	Well water	Field Sample	3/27/2003	10		3	6 6E+06	1	2 2E+06	0	< 2 2E+06	0	< 2 2E+06	0	< 2.2E+06	0	< 2 2E+06		
1-07854	5000 Highway 37 N	Property	Well @ rainy creek & kootenai river on parker	Well water	Field Sample	10/14/2003	6		0	< 1 6E+05	0	< 1 6E+05	0	< 1 6E+05	0	< 1 6E+05	0	< 1.6E+05	0	< 1 6E+05		

**Notes and Definitions:**  
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LA = Libby Amphibole  
ND = non-detect  
% = percent  
C = Chrysotile  
EPA 100.2 = EPA method for the determination of asbestos in drinking water  
< = less than

Table 2-17. Former Screening Plant Potable Water Well Installation - Water Sample Results - July 2005 and May 2006

Sample ID	Property Group (Location)	Sample Group	Location Description (Sub Location)	Matrix	Category	Sample Date	Water (EPA 100.2)																	
							Grid Openings	Sensitivity (s/L)	Libby Amphibole ( LA )				Sensitivity (s/L)	Chrysotile ( C )				Sensitivity (s/L)	Other Amphiboles ( OA )					
									ALL ( > .5 um )		> 10 um			ALL ( > .5 um )		> 10 um			ALL ( > .5 um )		> 10 um			
									Count	Concentration (s/L)	Count	Concentration (s/L)		Count	Concentration (s/L)	Count	Concentration (s/L)		Count	Concentration (s/L)				
1R-31601	5000 Highway 37 N	Property	Potable Water Well	Well water	Field Sample	7/6/2005	6		0	< 4.9E+04	0	< 4.9E+04		0	< 4.9E+04	0	< 4.9E+04		0	< 4.9E+04	0	< 4.9E+04	0	< 4.9E+04
PW-00003	5000 Highway 37 N	Property	From well drilling location	Well water	Field Sample	5/3/2006	8	1.2E+05	15	1.9E+06	4	5.0E+05	1.2E+05	0	< 1.2E+05	0	< 1.2E+05	1.2E+05	0	< 1.2E+05	0	< 1.2E+05	0	< 1.2E+05
PW-00004	5000 Highway 37 N	Property	From well drilling location	Well water	Field Sample	5/4/2006	12	1.7E+05	4	6.6E+05	2	3.3E+05	1.7E+05	0	< 1.7E+05	0	< 1.7E+05	1.7E+05	0	< 1.7E+05	0	< 1.7E+05	0	< 1.7E+05
PW-00005	5000 Highway 37 N	Property	From well drilling location	Well water	Field Sample	5/4/2006	6	1.7E+05	1	1.7E+05	0	1.7E+05	1.7E+05	0	< 1.7E+05	0	< 1.7E+05	1.7E+05	0	< 1.7E+05	0	< 1.7E+05	0	< 1.7E+05
PW-00006	5000 Highway 37 N	Property	From well drilling location	Well water	Field Sample	5/4/2006	6	1.7E+05	2	3.3E+05	1	1.7E+05	1.7E+05	0	< 1.7E+05	0	< 1.7E+05	1.7E+05	0	< 1.7E+05	0	< 1.7E+05	0	< 1.7E+05
PW-00007	5000 Highway 37 N	Property	From well drilling location	Well water	Field Sample	5/4/2006	6	1.7E+05	0	< 1.7E+05	0	< 1.7E+05	1.7E+05	0	< 1.7E+05	0	< 1.7E+05	1.7E+05	0	< 1.7E+05	0	< 1.7E+05	0	< 1.7E+05
PW-00008	5000 Highway 37 N	Property	From well drilling location	Well water	Field Sample	5/4/2006	6	1.7E+05	4	6.6E+05	2	3.3E+05	1.7E+05	0	< 1.7E+05	0	< 1.7E+05	1.7E+05	0	< 1.7E+05	0	< 1.7E+05	0	< 1.7E+05
PW-00009	5000 Highway 37 N	Property	From well drilling location	Well water	Field Sample	5/4/2006	6	1.7E+05	0	< 1.7E+05	0	< 1.7E+05	1.7E+05	0	< 1.7E+05	0	< 1.7E+05	1.7E+05	0	< 1.7E+05	0	< 1.7E+05	0	< 1.7E+05
PW-00010	5000 Highway 37 N	Property	From well drilling location(associated w/ PW00011	Well water	Field Sample	5/5/2006	6	1.7E+05	0	< 1.7E+05	0	< 1.7E+05	1.7E+05	0	< 1.7E+05	0	< 1.7E+05	1.7E+05	0	< 1.7E+05	0	< 1.7E+05	0	< 1.7E+05

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LA = Libby Amphibole  
ND = non-detect  
% = percent  
C = Chrysotile  
EPA 100.2 = EPA method for the determination of asbestos in drinking water  
< = less than

Table 2-18. Former Screening Plant Potable Water Well Installation - Drill Rig Soil Sample Results - May 2006

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
PW-00001-B	5000 Highway 37 N	5/1/2006	Field Sample		Soil	Property	Side yard	0	0	PLM-9002	ND		ND

**Notes and Definitions:**

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B suffix in Sample ID = non-processed sample

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-19. Flyway Investigation Soil Sample Results – March 2000

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1-00109	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C	3	ND
1-00110	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND	ND
1-00111	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C	2	ND
1-00112	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND
1-00113	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	B	< 1	ND
1-00114	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND
1-00115	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
1-00116	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
1-00117	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND
1-00118	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND
1-00119	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND	ND
1-00120	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND
1-00121	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	12	PLM-9002	A	ND	ND
1-00122	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	12	PLM-9002	B	< 1	ND
1-00123	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	1	PLM-9002	C	1	ND
1-00127	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Mining waste	Property		0	24	PLM-9002	C	2	ND
1-00128	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	24	PLM-9002	B	< 1	ND
1-00129	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	24	PLM-9002	A	ND	ND
1-00130	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND
1-00131	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C	3	ND
1-00132	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	B	< 1	ND
1-00133	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	12	PLM-9002	C	8	ND
1-00134	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C	3	ND
1-00135	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	B	< 1	ND
1-00136	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND
1-00137	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C	4	ND
1-00138	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	1	PLM-9002	B	< 1	ND
1-00139	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND
1-00140	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	2	PLM-9002	B	< 1	ND
1-00141	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
1-00145	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
1-00146	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
1-00147	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND	ND
1-00148	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	2	PLM-9002	B	< 1	ND
1-00149	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	12	PLM-9002	A	ND	ND
1-00150	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	2	PLM-9002	B	< 1	ND
1-00151	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
1-00152	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND	ND
1-00153	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	2	PLM-9002	B	< 1	ND
1-00154	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
1-00155	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
1-00156	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	2	PLM-9002	B	< 1	ND
1-00177	Highway 37 N Government Lot #4	3/9/2000	Field Sample		Mining waste	Property		26	30	PLM-9002	C	2	ND
1-00181	Highway 37 N Government Lot #4	3/9/2000	Field Sample		Mining waste	Property		18	32	PLM-9002	C	2	ND
1-01267	Highway 37 N Government Lot #4	3/8/2000	Field Duplicate	1-00137	Surface soil	Property	Soil	0	2	PLM-9002	C	3	ND

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LA = Libby Amphibole

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% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

**CDM**

Table 2-20. Flyway Investigation Soil Sample Results – September 2000

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1R-01613	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	B	< 1	ND
1R-01614	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	24	28	PLM-9002	B	< 1	ND
1R-01615	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	48	52	PLM-9002	A	ND	ND
1R-01616	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	24	28	PLM-9002	A	ND	ND
1R-01617	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	A	ND	ND
1R-01618	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	60	64	PLM-9002	A	ND	ND
1R-01619	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	48	52	PLM-9002	A	ND	ND
1R-01620	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	60	64	PLM-9002	A	ND	ND
1R-01621	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	A	ND	ND
1R-01622	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	A	ND	ND
1R-01623	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	60	64	PLM-9002	A	ND	ND
1R-01624	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	48	52	PLM-9002	A	ND	ND
1R-01625	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	36	40	PLM-9002	A	ND	ND
1R-01626	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	24	28	PLM-9002	A	ND	ND
1R-01627	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	24	28	PLM-9002	A	ND	ND
1R-01638	KDC Flyway	9/19/2000	Field Sample		Surface soil	Property	Soil	48	52	PLM-9002	A	ND	ND
1R-01640	KDC Flyway	9/19/2000	Field Sample		Surface soil	Property	Soil	48	52	PLM-9002	A	ND	ND

**Notes and Definitions:**

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than



Table 2-21. Flyway Investigation Soil Sample Results – March 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1-02087	Highway 37 N Government Lot #4	3/28/2001	Field Sample		Surface soil	Property	Soil	10	16	PLM-9002	B	< 1	ND
1-02088	Highway 37 N Government Lot #4	3/28/2001	Field Sample		Surface soil	Property	Soil	10	16	PLM-9002	C	2	ND
1-02089	Highway 37 N Government Lot #4	3/28/2001	Field Sample		Surface soil	Property	Soil	10	16	PLM-9002	A	ND	ND
1-02090	Highway 37 N Government Lot #4	3/28/2001	Field Sample		Surface soil	Property	Soil	12	33	PLM-9002	B	< 1	ND
1-02091	Highway 37 N Government Lot #4	3/28/2001	Field Sample		Surface soil	Property	Soil	12	16	PLM-9002	B	< 1	ND
1-02092	Highway 37 N Government Lot #4	3/28/2001	Field Sample		Surface soil	Property	Soil	18	30	PLM-9002	A	ND	ND

**Notes and Definitions:**

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-22. Flyway Investigation Soil Sample Results – May to July 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1-02291	Kootenai River Bank	5/16/2001	Field Duplicate	1-02459	Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02292	Kootenai River Bank	5/16/2001	Field Duplicate	1-02450	Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02304	Kootenai River Bank	5/2/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02305	Kootenai River Bank	5/2/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	C	2	ND
1-02306	Kootenai River Bank	5/2/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	C	2	ND
1-02307	Kootenai River Bank	5/2/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02308	Kootenai River Bank	5/2/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02309	Kootenai River Bank	5/2/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02310	Kootenai River Bank	5/2/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02311	Kootenai River Bank	5/2/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND	ND
1-02312	Kootenai River Bank	5/2/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND	ND
1-02313	Kootenai River Bank	5/2/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND	ND
1-02314	Kootenai River Bank	5/2/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02345	Kootenai River Bank	5/4/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02346	Kootenai River Bank	5/4/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02347	Kootenai River Bank	5/4/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02348	Kootenai River Bank	5/4/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	C	2	ND
1-02349	Kootenai River Bank	5/4/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02350	Kootenai River Bank	5/4/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02351	Kootenai River Bank	5/4/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02352	Kootenai River Bank	5/4/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02353	Kootenai River Bank	5/4/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02354	Kootenai River Bank	5/4/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND	ND
1-02442	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02443	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02444	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02445	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02446	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02447	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02448	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02449	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02450	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02451	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02452	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02453	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02454	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02455	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02456	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02457	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02458	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02459	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-03180	Kootenai River Bank	7/28/2001	Field Duplicate	1-03288	Surface soil	Property		0	4	PLM-9002	A	ND	ND
1-03286	Kootenai River Bank	7/26/2001	Field Sample		Surface soil	Property		0	4	PLM-9002	A	ND	ND
1-03287	Kootenai River Bank	7/26/2001	Field Sample		Surface soil	Property	Surface Soil	0	4	PLM-9002	A	ND	ND
1-03288	Kootenai River Bank	7/26/2001	Field Sample		Surface soil	Property		0	4	PLM-9002	A	ND	ND
1-03289	Kootenai River Bank	7/26/2001	Field Sample		Surface soil	Property		0	4	PLM-9002	B	< 1	ND
1-02994	KDC Flyway	7/19/2001	Field Sample		Surface soil	Property	surface soil	0	4	PLM-9002	B	< 1	ND
1-02995	KDC Flyway	7/19/2001	Field Sample		Surface soil	Property	surface soil	0	4	PLM-9002	B	< 1	ND
1-02996	KDC Flyway	7/19/2001	Field Sample		Surface soil	Property	surface soil	0	4	PLM-9002	A	ND	ND
1-02997	KDC Flyway	7/19/2001	Field Sample		Surface soil	Property	surface soil	0	4	PLM-9002	A	ND	ND
1-02998	KDC Flyway	7/19/2001	Field Sample		Surface soil	Property	surface soil	0	4	PLM-9002	A	ND	ND
1-02999	KDC Flyway	7/19/2001	Field Sample		Surface soil	Property	surface soil	0	4	PLM-9002	B	< 1	ND
1-03000	KDC Flyway	7/19/2001	Field Sample		Surface soil	Property	surface soil	0	4	PLM-9002	B	< 1	ND
1-03000	KDC Flyway	7/19/2001	Field Sample		Surface soil	Property	surface soil	0	4	PLM-9002	B	< 1	ND

CDM

Table 2-22

Table 2-22. Flyway Investigation Soil Sample Results – May to July 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1-03001	KDC Flyway	7/19/2001	Field Sample		Surface soil	Property	surface soil	0	4	PLM-9002	B	< 1	ND

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ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-23. Flyway Removal-related Soil Sample Results – September 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1R-10521	KDC Flyway	9/14/2001	Field Sample		Surface soil	Property	vacant	0	2	PLM-9002	B	< 1	ND 26245
1R-10522	KDC Flyway	9/14/2001	Field Sample		Surface soil	Property	vacant	0	2	PLM-9002	A	ND	ND 26246
1R-10523	KDC Flyway	9/15/2001	Field Sample		Surface soil	Property	vacant	0	2	PLM-9002	A	ND	ND 26247
1R-10524	KDC Flyway	9/15/2001	Field Sample		Surface soil	Property	vacant	0	2	PLM-9002	A	ND	ND 26248
1R-10525	KDC Flyway	9/15/2001	Field Sample		Surface soil	Property	vacant	0	2	PLM-9002	A	ND	ND 26249
1R-10526	KDC Flyway	9/15/2001	Field Sample		Surface soil	Property	vacant	0	2	PLM-9002	A	ND	ND 26250
1R-10527	KDC Flyway	9/15/2001	Field Sample		Surface soil	Property	vacant	0	2	PLM-9002	A	ND	ND 26251
1R-08538	KDC Flyway	9/18/2001	Field Sample		Surface soil	Property	vacant	0	2	PLM-9002	A	ND	ND
1R-08539	KDC Flyway	9/18/2001	Field Sample		Surface soil	Property	vacant	0	2	PLM-9002	A	ND	ND
1R-08540	KDC Flyway	9/22/2001	Field Sample		Surface soil	Property	sea horse	0	2	PLM-9002	A	ND	ND
1R-10528	KDC Flyway	9/18/2001	Field Sample		Surface soil	Property	vacant	0	2	PLM-9002	A	ND	ND
1R-10529	KDC Flyway	9/18/2001	Field Sample		Surface soil	Property	vacant	0	2	PLM-9002	A	ND	ND
1R-10530	KDC Flyway	9/22/2001	Field Sample		Surface soil	Property	sea horse	0	2	PLM-9002	A	ND	ND
1R-10531	KDC Flyway	9/22/2001	Field Sample		Surface soil	Property	sea horse	0	2	PLM-9002	A	ND	ND
1R-10532	KDC Flyway	9/22/2001	Field Sample		Surface soil	Property	sea horse	0	2	PLM-9002	A	ND	ND
1R-10533	KDC Flyway	9/22/2001	Field Sample		Surface soil	Property	sea horse	0	2	PLM-9002	A	ND	ND
1R-10535	KDC Flyway	9/27/2001	Field Sample		Surface soil	Property	sea horse	0	2	PLM-9002	A	ND	ND
1R-10536	KDC Flyway	9/27/2001	Field Sample		Surface soil	Property	sea horse	0	2	PLM-9002	A	ND	ND
1R-10537	KDC Flyway	9/27/2001	Field Sample		Surface soil	Property	sea horse	0	2	PLM-9002	A	ND	ND
1R-10538	KDC Flyway	9/27/2001	Field Sample		Surface soil	Property	sea horse	0	2	PLM-9002	B	< 1	ND
1R-10539	KDC Flyway	9/27/2001	Field Sample		Surface soil	Property	sea horse	0	2	PLM-9002	A	ND	ND

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LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-24. Flyway Investigation Soil Sample Results – July 2003

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results				
										Method	LA Bin	LA (%)		C (%)
1R-21543-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway F8	0	6	PLM-9002	A	ND		ND
1R-21544-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway G8	0	6	PLM-9002	A	ND		ND
1R-21548-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway J8S	0	6	PLM-9002	A	ND		ND
1R-21549-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway K8	0	6	PLM-9002	A	ND		ND
1R-21550-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway L8	0	6	PLM-9002	A	ND		ND
1R-21551-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway M8	0	6	PLM-9002	A	ND		ND
1R-21552-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway N8	0	6	PLM-9002	A	ND		ND
1R-21553-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway O8	0	6	PLM-9002	A	ND		ND
1R-21554-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway P8	0	6	PLM-9002	A	ND		ND
1R-21555-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway Q8	0	6	PLM-9002	A	ND		ND
1R-21556-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway R8	0	6	PLM-9002	A	ND		ND
1R-21557-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway S8	0	6	PLM-9002	A	ND		ND
1R-21558-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway S7	0	6	PLM-9002	A	ND		ND
1R-21559-B	KDC Flyway	7/12/2003	Field Duplicate	1R-21553	Surface soil	Property	Flyway O8	0	6	PLM-9002	A	ND		ND
1R-21560-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway S6	0	6	PLM-9002	A	ND		ND

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LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-25. Flyway Removal-related Soil Sample Results – July to November 2004

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1R-25762-B	KDC Flyway	7/19/2004	Field Duplicate	FL-00069	Surface soil	Property	B4-23	0	2	PLM-9002	A	ND	ND
1R-25763-B	KDC Flyway	7/19/2004	Field Duplicate	FL-00067	Surface soil	Property	B3-23	0	2	PLM-9002	A	ND	ND
1R-25764-B	KDC Flyway	7/19/2004	Field Duplicate	FL-00060	Surface soil	Property	B2-23	0	2	PLM-9002	B2	< 1	ND
1R-25771-B	KDC Flyway	7/27/2004	Field Duplicate	FL-00203	Surface soil	Property	C2-18	0	2	PLM-9002	A	ND	ND
1R-25772-B	KDC Flyway	7/27/2004	Field Duplicate	FL-00204	Surface soil	Property	C2-23	0	2	PLM-9002	A	ND	ND
1R-25773-B	KDC Flyway	7/27/2004	Prep Duplicate	FL-00200	Surface soil	Property	C2-3	0	2	PLM-9002	A	ND	ND
1R-25780-B	KDC Flyway	8/3/2004	Field Split	FL-00281	Surface soil	Property	Grid E5-15	0	2	PLM-9002	B2	< 1	ND
1R-25781-B	KDC Flyway	8/3/2004	Field Split	FL-00282	Surface soil	Property	Grid E5-14	0	2	PLM-9002	B2	< 1	ND
1R-25782-B	KDC Flyway	8/3/2004	Field Split	FL-00283	Surface soil	Property	Grid E5-13	0	2	PLM-9002	B2	< 1	ND
1R-25783-B	KDC Flyway	8/4/2004	Field Split	FL-00297	Surface soil	Property	C3-11	0	2	PLM-9002	B2	< 1	ND
1R-25784-B	KDC Flyway	8/4/2004	Field Split	FL-00298	Surface soil	Property	C3-12	0	2	PLM-9002	B2	< 1	ND
FL-00056-B	KDC Flyway	7/15/2004	Field Sample		Surface soil	Field	Grid A2-16	0	2	PLM-9002	A	ND	ND
FL-00057-B	KDC Flyway	7/15/2004	Field Sample		Surface soil	Field	Grid A2-22	0	2	PLM-9002	A	ND	ND
FL-00058-B	KDC Flyway	7/19/2004	Field Sample		Surface soil	Field	B2-3	0	2	PLM-9002	B2	< 1	ND
FL-00059-B	KDC Flyway	7/19/2004	Field Sample		Surface soil	Field	B2-8	0	2	PLM-9002	B2	< 1	ND
FL-00060-B	KDC Flyway	7/19/2004	Field Sample		Surface soil	Field	B2-13	0	2	PLM-9002	B2	< 1	ND
FL-00061-B	KDC Flyway	7/19/2004	Field Sample		Surface soil	Field	B2-15	0	2	PLM-9002	A	ND	ND
FL-00062-B	KDC Flyway	7/19/2004	Field Sample		Surface soil	Field	B2-23	0	2	PLM-9002	A	ND	ND
FL-00063-B	KDC Flyway	7/15/2004	Field Sample		Surface soil	Field	Grid B3-1	0	2	PLM-9002	A	ND	ND
FL-00064-B	KDC Flyway	7/15/2004	Field Sample		Surface soil	Field	Grid B3-7	0	2	PLM-9002	A	ND	ND
FL-00065-B	KDC Flyway	7/15/2004	Field Sample		Surface soil	Field	Grid B3-13	0	2	PLM-9002	A	ND	ND
FL-00066-B	KDC Flyway	7/19/2004	Field Sample		Surface soil	Field	B3-18	0	2	PLM-9002	B2	< 1	ND
FL-00067-B	KDC Flyway	7/19/2004	Field Sample		Surface soil	Field	B3-23	0	2	PLM-9002	B2	< 1	ND
FL-00068-B	KDC Flyway	7/19/2004	Field Sample		Surface soil	Field	B4-17	0	2	PLM-9002	A	ND	ND
FL-00069-B	KDC Flyway	7/19/2004	Field Sample		Surface soil	Field	B4-23	0	2	PLM-9002	A	ND	ND
FL-00118-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	C5-7	0	2	PLM-9002	A	ND	ND
FL-00119-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	C5-13	0	2	PLM-9002	A	ND	ND
FL-00120-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	C5-18	0	2	PLM-9002	A	ND	ND
FL-00121-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	C6-16	0	2	PLM-9002	A	ND	ND
FL-00122-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	C6-22	0	2	PLM-9002	A	ND	ND
FL-00123-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	C5-2	0	2	PLM-9002	A	ND	ND
FL-00124-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	C5-23	0	2	PLM-9002	A	ND	ND
FL-00125-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	B2-3	0	2	PLM-9002	A	ND	ND
FL-00126-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	B2-8	0	2	PLM-9002	B2	< 1	ND
FL-00127-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	B2-13	0	2	PLM-9002	A	ND	ND
FL-00128-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	B3-18	0	2	PLM-9002	B2	< 1	ND
FL-00129-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	B3-23	0	2	PLM-9002	A	ND	ND
FL-00130-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	B3-11	0	2	PLM-9002	B2	< 1	ND
FL-00131-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	C5-18	0	2	PLM-9002	A	ND	ND
FL-00132-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	B2-13	0	2	PLM-9002	A	ND	ND
FL-00144-B	KDC Flyway	7/22/2004	Field Sample		Surface soil	Field	C4-11	0	2	PLM-9002	A	ND	ND
FL-00145-B	KDC Flyway	7/22/2004	Field Sample		Surface soil	Field	C4-12	0	2	PLM-9002	A	ND	ND
FL-00146-B	KDC Flyway	7/22/2004	Field Sample		Surface soil	Field	C4-13	0	2	PLM-9002	A	ND	ND
FL-00147-B	KDC Flyway	7/22/2004	Field Sample		Surface soil	Field	C4-14	0	2	PLM-9002	A	ND	ND
FL-00148-B	KDC Flyway	7/22/2004	Field Sample		Surface soil	Field	C4-15	0	2	PLM-9002	A	ND	ND
FL-00179-B	KDC Flyway	7/26/2004	Field Sample		Surface soil	Field	B3-18	0	2	PLM-9002	A	ND	ND
FL-00180-B	KDC Flyway	7/26/2004	Field Sample		Surface soil	Field	B3-11	0	2	PLM-9002	A	ND	ND
FL-00181-B	KDC Flyway	7/26/2004	Field Sample		Surface soil	Field	D5-3	0	2	PLM-9002	A	ND	ND
FL-00182-B	KDC Flyway	7/26/2004	Field Sample		Surface soil	Field	D5-8	0	2	PLM-9002	A	ND	ND
FL-00183-B	KDC Flyway	7/26/2004	Field Sample		Surface soil	Field	D5-13	0	2	PLM-9002	A	ND	ND
FL-00184-B	KDC Flyway	7/26/2004	Field Sample		Surface soil	Field	D5-18	0	2	PLM-9002	A	ND	ND
FL-00185-B	KDC Flyway	7/26/2004	Field Sample		Surface soil	Field	D5-23	0	2	PLM-9002	C	2	ND
FL-00186-B	KDC Flyway	7/26/2004	Field Sample		Surface soil	Field	B2-23	0	2	PLM-9002	B2	< 1	ND
FL-00200-B	KDC Flyway	7/27/2004	Field Sample		Surface soil	Field	C2-3	0	2	PLM-9002	A	ND	ND

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Table 2-25. Flyway Removal-related Soil Sample Results – July to November 2004

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (Inches)	Bottom Depth (Inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
FL-00201-B	KDC Flyway	7/27/2004	Field Sample		Surface soil	Field	C2-8	0	2	PLM-9002	A	ND	ND
FL-00202-B	KDC Flyway	7/27/2004	Field Sample		Surface soil	Field	C2-13	0	2	PLM-9002	A	ND	ND
FL-00203-B	KDC Flyway	7/27/2004	Field Sample		Surface soil	Field	C2-18	0	2	PLM-9002	A	ND	ND
FL-00204-B	KDC Flyway	7/27/2004	Field Sample		Surface soil	Field	C2-23	0	2	PLM-9002	A	ND	ND
FL-00205-B	KDC Flyway	7/27/2004	Field Duplicate	FL-00200	Surface soil	Field	C2-3	0	2	PLM-9002	A	ND	ND
FL-00219-B	KDC Flyway	7/28/2004	Field Sample		Surface soil	Field	D4-3	0	2	PLM-9002	B2	< 1	ND
FL-00220-B	KDC Flyway	7/28/2004	Field Sample		Surface soil	Field	D4-8	0	2	PLM-9002	A	ND	ND
FL-00221-B	KDC Flyway	7/28/2004	Field Sample		Surface soil	Field	D4-13	0	2	PLM-9002	A	ND	ND
FL-00222-B	KDC Flyway	7/28/2004	Field Sample		Surface soil	Field	D4-18	0	2	PLM-9002	B2	< 1	ND
FL-00223-B	KDC Flyway	7/28/2004	Field Sample		Surface soil	Field	D4-23	0	2	PLM-9002	A	ND	ND
FL-00224-B	KDC Flyway	7/28/2004	Field Sample		Surface soil	Field	D5-23	0	2	PLM-9002	B2	< 1	ND
FL-00238-B	KDC Flyway	7/29/2004	Field Sample		Surface soil	Field	D4-3; Re-sample	0	2	PLM-9002	A	ND	ND
FL-00239-B	KDC Flyway	7/29/2004	Field Sample		Surface soil	Field	D4-18; Re-sample	0	2	PLM-9002	A	ND	ND
FL-00281-B	KDC Flyway	8/3/2004	Field Sample		Surface soil	Field	Grid E5-14	0	2	PLM-9002	A	ND	ND
FL-00282-B	KDC Flyway	8/3/2004	Field Sample		Surface soil	Field	Grid E5-14	0	2	PLM-9002	B2	< 1	ND
FL-00283-B	KDC Flyway	8/3/2004	Field Sample		Surface soil	Field	Grid E5-13	0	2	PLM-9002	B2	< 1	ND
FL-00297-B	KDC Flyway	8/4/2004	Field Sample		Surface soil	Field	Grid C3-11	0	2	PLM-9002	A	ND	ND
FL-00298-B	KDC Flyway	8/4/2004	Field Sample		Surface soil	Field	Grid C3-12	0	2	PLM-9002	B2	< 1	ND
FL-00299-B	KDC Flyway	8/4/2004	Field Sample		Surface soil	Field	Grid C3-13	0	2	PLM-9002	A	ND	ND
FL-00300-B	KDC Flyway	8/4/2004	Field Sample		Surface soil	Field	Grid C3-14	0	2	PLM-9002	A	ND	ND
FL-00301-B	KDC Flyway	8/4/2004	Field Sample		Surface soil	Field	Grid C3-15	0	2	PLM-9002	B2	< 1	ND
FL-00302-B	KDC Flyway	8/4/2004	Field Duplicate	FL-00299	Surface soil	Field	Grid C3-13	0	2	PLM-9002	B2	< 1	ND
FL-00316-B	KDC Flyway	8/5/2004	Field Sample		Surface soil	Field	Grid D2-3	0	2	PLM-9002	A	ND	ND
FL-00317-B	KDC Flyway	8/5/2004	Field Sample		Surface soil	Field	Grid D2-8	0	2	PLM-9002	A	ND	ND
FL-00318-B	KDC Flyway	8/5/2004	Field Sample		Surface soil	Field	Grid D2-13	0	2	PLM-9002	A	ND	ND
FL-00319-B	KDC Flyway	8/5/2004	Field Sample		Surface soil	Field	Grid D2-18	0	2	PLM-9002	A	ND	ND
FL-00320-B	KDC Flyway	8/5/2004	Field Sample		Surface soil	Field	Grid D2-23	0	2	PLM-9002	A	ND	ND
FL-00321-B	KDC Flyway	8/5/2004	Field Sample		Surface soil	Field	Grid E5-12	0	2	PLM-9002	C	< 1	ND
FL-00322-B	KDC Flyway	8/5/2004	Field Sample		Surface soil	Field	Grid E5-11	0	2	PLM-9002	B2	< 1	ND
FL-00336-B	KDC Flyway	8/6/2004	Field Sample		Surface soil	Field	Grid C3-12; Re-sample of FL-00298	0	2	PLM-9002	A	ND	ND
FL-00337-B	KDC Flyway	8/6/2004	Field Sample		Surface soil	Field	Grid C3-13; Re-sample of FL-00299	0	2	PLM-9002	A	ND	ND
FL-00338-B	KDC Flyway	8/6/2004	Field Sample		Surface soil	Field	Grid C3-15; Re-sample of FL-00301	0	2	PLM-9002	A	ND	ND
FL-00352-B	KDC Flyway	8/9/2004	Field Sample		Surface soil	Field	Grid E2-3	0	2	PLM-9002	A	ND	ND
FL-00353-B	KDC Flyway	8/9/2004	Field Sample		Surface soil	Field	Grid E2-8	0	2	PLM-9002	A	ND	ND
FL-00354-B	KDC Flyway	8/9/2004	Field Sample		Surface soil	Field	Grid E2-13	0	2	PLM-9002	A	ND	ND
FL-00355-B	KDC Flyway	8/9/2004	Field Sample		Surface soil	Field	Grid E2-18	0	2	PLM-9002	A	ND	ND
FL-00356-B	KDC Flyway	8/9/2004	Field Sample		Surface soil	Field	Grid E2-23	0	2	PLM-9002	A	ND	ND
FL-00370-B	KDC Flyway	8/10/2004	Field Sample		Surface soil	Field	Grid F2-3	0	2	PLM-9002	A	ND	ND
FL-00371-B	KDC Flyway	8/10/2004	Field Sample		Surface soil	Field	Grid F2-8	0	2	PLM-9002	A	ND	ND
FL-00372-B	KDC Flyway	8/10/2004	Field Sample		Surface soil	Field	Grid F2-13	0	2	PLM-9002	A	ND	ND
FL-00373-B	KDC Flyway	8/10/2004	Field Sample		Surface soil	Field	Grid F2-18	0	2	PLM-9002	A	ND	ND
FL-00374-B	KDC Flyway	8/10/2004	Field Duplicate	FL-00371	Surface soil	Field	Grid F2-8	0	2	PLM-9002	B2	< 1	ND
FL-00388-B	KDC Flyway	8/11/2004	Field Sample		Surface soil	Field	Grid E5-7; re-sample of FL-00321 (E5-7)	0	2	PLM-9002	A	ND	ND
FL-00389-B	KDC Flyway	8/11/2004	Field Sample		Surface soil	Field	Grid E5-6; Re-sample of FL-00322 (E5-11)	0	2	PLM-9002	B2	< 1	ND
FL-00405-B	KDC Flyway	8/12/2004	Field Sample		Surface soil	Field	Grid D3-11	0	2	PLM-9002	A	ND	ND
FL-00406-B	KDC Flyway	8/12/2004	Field Sample		Surface soil	Field	Grid D3-12	0	2	PLM-9002	A	ND	ND
FL-00407-B	KDC Flyway	8/12/2004	Field Sample		Surface soil	Field	Grid D3-13	0	2	PLM-9002	A	ND	ND
FL-00408-B	KDC Flyway	8/12/2004	Field Sample		Surface soil	Field	Grid D3-14	0	2	PLM-9002	A	ND	ND
FL-00409-B	KDC Flyway	8/12/2004	Field Sample		Surface soil	Field	Grid D3-15	0	2	PLM-9002	A	ND	ND

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Table 2-25. Flyway Removal-related Soil Sample Results – July to November 2004

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
FL-00410-B	KDC Flyway	8/12/2004	Field Sample		Surface soil	Field	Grid F2-8, other re-sample of FL-00371 & FL-00374	0	2	PLM-9002	A	ND	ND
FL-00424-B	KDC Flyway	8/13/2004	Field Sample		Surface soil	Field	Grid E3-3	0	2	PLM-9002	B2	< 1	ND
FL-00425-B	KDC Flyway	8/13/2004	Field Sample		Surface soil	Field	Grid E3-8	0	2	PLM-9002	A	ND	ND
FL-00426-B	KDC Flyway	8/13/2004	Field Sample		Surface soil	Field	Grid E3-13	0	2	PLM-9002	A	ND	ND
FL-00427-B	KDC Flyway	8/13/2004	Field Sample		Surface soil	Field	Grid E3-18	0	2	PLM-9002	A	ND	ND
FL-00428-B	KDC Flyway	8/13/2004	Field Sample		Surface soil	Field	Grid E3-23	0	2	PLM-9002	A	ND	ND
FL-00459-B	KDC Flyway	8/17/2004	Field Sample		Surface soil	Field	Grid E4-11	0	2	PLM-9002	B2	< 1	ND
FL-00460-B	KDC Flyway	8/17/2004	Field Sample		Surface soil	Field	Grid E4-12	0	2	PLM-9002	B2	< 1	ND
FL-00461-B	KDC Flyway	8/17/2004	Field Sample		Surface soil	Field	Grid E4-13	0	2	PLM-9002	B2	< 1	ND
FL-00462-B	KDC Flyway	8/17/2004	Field Sample		Surface soil	Field	Grid E4-14	0	2	PLM-9002	B2	< 1	ND
FL-00463-B	KDC Flyway	8/17/2004	Field Sample		Surface soil	Field	Grid E4-15	0	2	PLM-9002	B2	< 1	ND
FL-00464-B	KDC Flyway	8/17/2004	Field Duplicate	FL-00463	Surface soil	Field	Grid E4-15	0	2	PLM-9002	B2	< 1	ND
FL-00465-B	KDC Flyway	8/17/2004	Field Sample		Surface soil	Field	Grid E3-3	0	2	PLM-9002	B2	< 1	ND
FL-00466-B	KDC Flyway	8/17/2004	Field Sample		Surface soil	Field	F5-2	0	2	PLM-9002	C	2	ND
FL-00493-B	KDC Flyway	8/19/2004	Field Sample		Surface soil	Field	Grid E4-12; Re-sample of FL-00460	0	2	PLM-9002	A	ND	ND
FL-00494-B	KDC Flyway	8/19/2004	Field Sample		Surface soil	Field	Grid E4-13; Re-sample of FL-00461	0	2	PLM-9002	A	ND	ND
FL-00495-B	KDC Flyway	8/19/2004	Field Sample		Surface soil	Field	Grid E4-14; Re-sample of FL-00462	0	2	PLM-9002	A	ND	ND
FL-00541-B	KDC Flyway	8/24/2004	Field Sample		Surface soil	Field	Grid F5-11	0	2	PLM-9002	B2	< 1	ND
FL-00542-B	KDC Flyway	8/24/2004	Field Sample		Surface soil	Field	Grid F5-12	0	2	PLM-9002	B2	< 1	ND
FL-00543-B	KDC Flyway	8/24/2004	Field Sample		Surface soil	Field	Grid F5-13	0	2	PLM-9002	B2	< 1	ND
FL-00544-B	KDC Flyway	8/24/2004	Field Sample		Surface soil	Field	Grid F5-14	0	2	PLM-9002	B2	< 1	ND
FL-00545-B	KDC Flyway	8/24/2004	Field Sample		Surface soil	Field	Grid F5-15	0	2	PLM-9002	B2	< 1	ND
FL-00546-B	KDC Flyway	8/24/2004	Field Duplicate	FL-00543	Surface soil	Field	Fa-13	0	2	PLM-9002	B2	< 1	ND
FL-00613-B	KDC Flyway	8/31/2004	Field Sample		Surface soil	Field	Grid F3-3	0	2	PLM-9002	A	ND	ND
FL-00614-B	KDC Flyway	8/31/2004	Field Sample		Surface soil	Field	Grid F3-8	0	2	PLM-9002	B2	< 1	ND
FL-00615-B	KDC Flyway	8/31/2004	Field Sample		Surface soil	Field	Grid F3-13	0	2	PLM-9002	B2	< 1	ND
FL-00616-B	KDC Flyway	8/31/2004	Field Sample		Surface soil	Field	Grid F3-18	0	2	PLM-9002	B2	< 1	ND
FL-00617-B	KDC Flyway	8/31/2004	Field Sample		Surface soil	Field	Grid F3-23	0	2	PLM-9002	B2	< 1	ND
FL-00645-B	KDC Flyway	9/2/2004	Field Sample		Surface soil	Field	Grid G2-14	0	2	PLM-9002	B2	< 1	ND
FL-00646-B	KDC Flyway	9/2/2004	Field Sample		Surface soil	Field	Grid G2-19	0	2	PLM-9002	B2	< 1	ND
FL-00647-B	KDC Flyway	9/2/2004	Field Sample		Surface soil	Field	Grid G2-24	0	2	PLM-9002	B2	< 1	ND
FL-00648-B	KDC Flyway	9/2/2004	Field Sample		Surface soil	Field	Grid H2-4	0	2	PLM-9002	B2	< 1	ND
FL-00649-B	KDC Flyway	9/2/2004	Field Sample		Surface soil	Field	Grid H2-9	0	2	PLM-9002	B2	< 1	ND
FL-00650-B	KDC Flyway	9/2/2004	Field Sample		Surface soil	Field	Grid H2-14	0	2	PLM-9002	B2	< 1	ND
FL-00690-B	KDC Flyway	9/8/2004	Field Sample		Surface soil	Field	Grid H3-11	0	2	PLM-9002	B2	< 1	ND
FL-00691-B	KDC Flyway	9/8/2004	Field Sample		Surface soil	Field	Grid H3-12	0	2	PLM-9002	B2	< 1	ND
FL-00692-B	KDC Flyway	9/8/2004	Field Sample		Surface soil	Field	Grid H3-13	0	2	PLM-9002	B2	< 1	ND
FL-00693-B	KDC Flyway	9/8/2004	Field Sample		Surface soil	Field	Grid H3-14	0	2	PLM-9002	B2	< 1	ND
FL-00694-B	KDC Flyway	9/8/2004	Field Sample		Surface soil	Field	Grid H3-15	0	2	PLM-9002	B2	< 1	ND
FL-00695-B	KDC Flyway	9/8/2004	Field Duplicate	FL-000694	Surface soil	Field	Grid H3-15	0	2	PLM-9002	B2	< 1	ND
FL-00696-B	KDC Flyway	9/8/2004	Field Sample		Surface soil	Field	Grid G3-11	0	2	PLM-9002	B2	< 1	ND
FL-00697-B	KDC Flyway	9/8/2004	Field Sample		Surface soil	Field	Grid G3-12	0	2	PLM-9002	B2	< 1	ND
FL-00698-B	KDC Flyway	9/8/2004	Field Sample		Surface soil	Field	Grid G3-13	0	2	PLM-9002	B2	< 1	ND
FL-00699-B	KDC Flyway	9/8/2004	Field Sample		Surface soil	Field	Grid G3-14	0	2	PLM-9002	B2	< 1	ND
FL-00700-B	KDC Flyway	9/8/2004	Field Sample		Surface soil	Field	Grid G3-15	0	2	PLM-9002	B2	< 1	ND
FL-00727-B	KDC Flyway	9/10/2004	Field Sample		Surface soil	Field	Grid F4-11	0	2	PLM-9002	B2	< 1	ND
FL-00728-B	KDC Flyway	9/10/2004	Field Sample		Surface soil	Field	Grid F4-12	0	2	PLM-9002	B2	< 1	ND
FL-00729-B	KDC Flyway	9/10/2004	Field Sample		Surface soil	Field	Grid F4-13	0	2	PLM-9002	B2	< 1	ND
FL-00730-B	KDC Flyway	9/10/2004	Field Sample		Surface soil	Field	Grid F4-14	0	2	PLM-9002	B2	< 1	ND

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Table 2-25. Flyway Removal-related Soil Sample Results – July to November 2004

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
FL-00731-B	KDC Flyway	9/10/2004	Field Sample		Surface soil	Field	Grid F4-15	0	2	PLM-9002	B2	< 1	ND
FL-00745-B	KDC Flyway	9/13/2004	Field Sample		Surface soil	Field	Grid F4-11, re-sample of FL 00127	0	2	PLM-9002	A	ND	ND
FL-00746-B	KDC Flyway	9/13/2004	Field Sample		Surface soil	Field	Grid F4-12, Resample of FL 00728	0	2	PLM-9002	A	ND	ND
FL-00747-B	KDC Flyway	9/13/2004	Field Sample		Surface soil	Field	Grid F4-13, Resample of FL 00729	0	2	PLM-9002	B2	< 1	ND
FL-00761-B	KDC Flyway	9/14/2004	Field Sample		Surface soil	Field	Grid H4-3	0	2	PLM-9002	A	ND	ND
FL-00762-B	KDC Flyway	9/14/2004	Field Sample		Surface soil	Field	Grid H4-8	0	2	PLM-9002	B2	< 1	ND
FL-00763-B	KDC Flyway	9/14/2004	Field Sample		Surface soil	Field	Grid H4-13	0	2	PLM-9002	B2	< 1	ND
FL-00764-B	KDC Flyway	9/14/2004	Field Sample		Surface soil	Field	Grid H4-18	0	2	PLM-9002	B2	< 1	ND
FL-00765-B	KDC Flyway	9/14/2004	Field Sample		Surface soil	Field	Grid H4-23	0	2	PLM-9002	A	ND	ND
FL-00766-B	KDC Flyway	9/14/2004	Field Duplicate	FL-00765	Surface soil	Field	Grid H4-23	0	2	PLM-9002	A	ND	ND
FL-00767-B	KDC Flyway	9/14/2004	Field Sample		Surface soil	Field	Grid I5-3	0	2	PLM-9002	B2	< 1	ND
FL-00768-B	KDC Flyway	9/14/2004	Field Sample		Surface soil	Field	Grid I5-8	0	2	PLM-9002	B2	< 1	ND
FL-00769-B	KDC Flyway	9/14/2004	Field Sample		Surface soil	Field	Grid I5-13	0	2	PLM-9002	B2	< 1	ND
FL-00770-B	KDC Flyway	9/14/2004	Field Sample		Surface soil	Field	Grid I5-18	0	2	PLM-9002	B2	< 1	ND
FL-00771-B	KDC Flyway	9/14/2004	Field Sample		Surface soil	Field	Grid I5-23	0	2	PLM-9002	C	2	ND
FL-00785-B	KDC Flyway	9/15/2004	Field Sample		Surface soil	Field	Grid H4-8; Re-sample of FL 00762	0	2	PLM-9002	B2	< 1	ND
FL-00786-B	KDC Flyway	9/15/2004	Field Sample		Surface soil	Field	Grid H4-14; Re-sample of FL-00763	0	2	PLM-9002	B2	< 1	ND
FL-00787-B	KDC Flyway	9/15/2004	Field Sample		Surface soil	Field	Grid H4-19; Re-sample of FL-00764	0	2	PLM-9002	B2	< 1	ND
FL-00815-B	KDC Flyway	9/17/2004	Field Sample		Surface soil	Field	Grid H5-2	0	2	PLM-9002	A	ND	ND
FL-00816-B	KDC Flyway	9/17/2004	Field Sample		Surface soil	Field	Grid H5-7	0	2	PLM-9002	B2	< 1	ND
FL-00817-B	KDC Flyway	9/17/2004	Field Sample		Surface soil	Field	Grid H5-12	0	2	PLM-9002	A	ND	ND
FL-00818-B	KDC Flyway	9/17/2004	Field Sample		Surface soil	Field	Grid H5-18	0	2	PLM-9002	B2	< 1	ND
FL-00819-B	KDC Flyway	9/17/2004	Field Sample		Surface soil	Field	Grid H5-23	0	2	PLM-9002	B2	< 1	ND
FL-00820-B	KDC Flyway	9/17/2004	Field Duplicate	FL-00818	Surface soil	Field	Grid H5-18	0	2	PLM-9002	B2	< 1	ND
FL-00821-B	KDC Flyway	9/17/2004	Field Sample		Surface soil	Field	Grid I5-3	0	2	PLM-9002	B2	< 1	ND
FL-00822-B	KDC Flyway	9/17/2004	Field Sample		Surface soil	Field	Grid I5-8	0	2	PLM-9002	B2	< 1	ND
FL-00823-B	KDC Flyway	9/17/2004	Field Sample		Surface soil	Field	Grid I5-13	0	2	PLM-9002	B2	< 1	ND
FL-00824-B	KDC Flyway	9/17/2004	Field Sample		Surface soil	Field	Grid I5-18	0	2	PLM-9002	B2	< 1	ND
FL-00825-B	KDC Flyway	9/17/2004	Field Sample		Surface soil	Field	Grid I5-23	0	2	PLM-9002	C	2	ND
FL-00853-B	KDC Flyway	9/21/2004	Field Sample		Surface soil	Field	Grid I5-25	0	2	PLM-9002	C	2	ND
FL-00854-B	KDC Flyway	9/21/2004	Field Sample		Surface soil	Field	Grid I5-24	0	2	PLM-9002	B2	< 1	ND
FL-00855-B	KDC Flyway	9/21/2004	Field Sample		Surface soil	Field	Grid I5-23	0	2	PLM-9002	A	ND	ND
FL-00856-B	KDC Flyway	9/21/2004	Field Sample		Surface soil	Field	Grid I5-22	0	2	PLM-9002	A	ND	ND
FL-00857-B	KDC Flyway	9/21/2004	Field Sample		Surface soil	Field	Grid H6-3	0	2	PLM-9002	B2	< 1	ND
FL-00858-B	KDC Flyway	9/21/2004	Field Sample		Surface soil	Field	Grid H6-8	0	2	PLM-9002	B2	< 1	ND
FL-00859-B	KDC Flyway	9/21/2004	Field Sample		Surface soil	Field	Grid H6-13	0	2	PLM-9002	B2	< 1	ND
FL-00860-B	KDC Flyway	9/21/2004	Field Sample		Surface soil	Field	Grid H6-18	0	2	PLM-9002	B2	< 1	ND
FL-00861-B	KDC Flyway	9/21/2004	Field Sample		Surface soil	Field	Grid H6-23	0	2	PLM-9002	B2	< 1	ND
FL-00875-B	KDC Flyway	9/22/2004	Field Sample		Surface soil	Field	Grid I7-11	0	2	PLM-9002	B2	< 1	ND
FL-00876-B	KDC Flyway	9/22/2004	Field Sample		Surface soil	Field	Grid I7-12	0	2	PLM-9002	B2	< 1	ND
FL-00877-B	KDC Flyway	9/22/2004	Field Sample		Surface soil	Field	Grid I7-13	0	2	PLM-9002	B2	< 1	ND
FL-00878-B	KDC Flyway	9/22/2004	Field Sample		Surface soil	Field	Grid I7-14	0	2	PLM-9002	B2	< 1	ND
FL-00879-B	KDC Flyway	9/22/2004	Field Sample		Surface soil	Field	Grid I7-15	0	2	PLM-9002	B2	< 1	ND
FL-00880-B	KDC Flyway	9/22/2004	Field Duplicate	FL-00876	Surface soil	Field	Grid I7-12	0	2	PLM-9002	B2	< 1	ND
FL-00881-B	KDC Flyway	9/22/2004	Field Sample		Surface soil	Field	Grid I6-3	0	2	PLM-9002	B2	< 1	ND
FL-00882-B	KDC Flyway	9/22/2004	Field Sample		Surface soil	Field	Grid I6-14	0	2	PLM-9002	B2	< 1	ND
FL-00883-B	KDC Flyway	9/22/2004	Field Sample		Surface soil	Field	Grid I6-15	0	2	PLM-9002	B2	< 1	ND
FL-00897-B	KDC Flyway	9/23/2004	Field Sample		Surface soil	Field	Grid H7-11	0	2	PLM-9002	B2	< 1	ND

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Table 2-25. Flyway Removal-related Soil Sample Results – July to November 2004

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
FL-00898-B	KDC Flyway	9/23/2004	Field Sample		Surface soil	Field	Grid H7-12	0	2	PLM-9002	C	2	ND
FL-00899-B	KDC Flyway	9/23/2004	Field Sample		Surface soil	Field	Grid H7-13	0	2	PLM-9002	B2	< 1	ND
FL-00900-B	KDC Flyway	9/23/2004	Field Sample		Surface soil	Field	Grid H7-14	0	2	PLM-9002	B2	< 1	ND
FL-00901-B	KDC Flyway	9/23/2004	Field Sample		Surface soil	Field	Grid H7-15	0	2	PLM-9002	C	2	ND
FL-00902-B	KDC Flyway	9/23/2004	Field Sample		Surface soil	Field	Grid H5-4	0	2	PLM-9002	B2	< 1	ND
FL-00903-B	KDC Flyway	9/23/2004	Field Sample		Surface soil	Field	Grid H5-15	0	2	PLM-9002	B2	< 1	ND
FL-00930-B	KDC Flyway	9/27/2004	Field Sample		Surface soil	Field	Grid H7-7	0	2	PLM-9002	B2	< 1	ND
FL-00931-B	KDC Flyway	9/27/2004	Field Sample		Surface soil	Field	Grid H7-17	0	2	PLM-9002	B2	< 1	ND
FL-00932-B	KDC Flyway	9/27/2004	Field Sample		Surface soil	Field	Grid H7-10	0	2	PLM-9002	B2	< 1	ND
FL-00933-B	KDC Flyway	9/27/2004	Field Sample		Surface soil	Field	Grid H7-25	0	2	PLM-9002	B2	< 1	ND
FL-00985-B	KDC Flyway	9/30/2004	Field Sample		Surface soil	Field	Grid G6-3	0	2	PLM-9002	B2	< 1	ND
FL-00986-B	KDC Flyway	9/30/2004	Field Sample		Surface soil	Field	Grid G6-8	0	2	PLM-9002	B2	< 1	ND
FL-00987-B	KDC Flyway	9/30/2004	Field Sample		Surface soil	Field	Grid G6-13	0	2	PLM-9002	B2	< 1	ND
FL-00988-B	KDC Flyway	9/30/2004	Field Sample		Surface soil	Field	Grid G6-18	0	2	PLM-9002	B2	< 1	ND
FL-00989-B	KDC Flyway	9/30/2004	Field Sample		Surface soil	Field	Grid G6-23	0	2	PLM-9002	B2	< 1	ND
FL-01017-B	KDC Flyway	10/4/2004	Field Sample		Surface soil	Field	Grid E7-11	0	2	PLM-9002	B2	< 1	ND
FL-01018-B	KDC Flyway	10/4/2004	Field Sample		Surface soil	Field	Grid E7-12	0	2	PLM-9002	B2	< 1	ND
FL-01019-B	KDC Flyway	10/4/2004	Field Sample		Surface soil	Field	Grid E7-13	0	2	PLM-9002	B2	< 1	ND
FL-01020-B	KDC Flyway	10/4/2004	Field Sample		Surface soil	Field	Grid E7-14	0	2	PLM-9002	B2	< 1	ND
FL-01021-B	KDC Flyway	10/4/2004	Field Sample		Surface soil	Field	Grid E7-15	0	2	PLM-9002	B2	< 1	ND
FL-01035-B	KDC Flyway	10/5/2004	Field Sample		Surface soil	Field	Grid F7-11, re-sample	0	2	PLM-9002	B2	< 1	ND
FL-01036-B	KDC Flyway	10/5/2004	Field Sample		Surface soil	Field	Grid F7-12, re-sample	0	2	PLM-9002	A	ND	ND
FL-01037-B	KDC Flyway	10/5/2004	Field Sample		Surface soil	Field	Grid F7-14, re-sample	0	2	PLM-9002	B2	< 1	ND
FL-01038-B	KDC Flyway	10/5/2004	Field Sample		Surface soil	Field	Grid F7-15, re-sample	0	2	PLM-9002	B2	< 1	ND
FL-01052-B	KDC Flyway	10/6/2004	Field Sample		Surface soil	Field	Grid G7-11, re-sample of FL-000967	0	2	PLM-9002	B2	< 1	ND
FL-01053-B	KDC Flyway	10/6/2004	Field Sample		Surface soil	Field	Grid G7-12, re-sample of FL-000968	0	2	PLM-9002	B2	< 1	ND
FL-01054-B	KDC Flyway	10/6/2004	Field Sample		Surface soil	Field	Grid G7-13, re-sample of FL-00969	0	2	PLM-9002	B2	< 1	ND
FL-01055-B	KDC Flyway	10/6/2004	Field Sample		Surface soil	Field	Grid G7-15	0	2	PLM-9002	B2	< 1	ND
FL-01083-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid D6	0	2	PLM-9002	B2	< 1	ND
FL-01084-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid D6	0	2	PLM-9002	B2	< 1	ND
FL-01085-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid D6	0	2	PLM-9002	B2	< 1	ND
FL-01086-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid F6-3, other 1-3	0	2	PLM-9002	B2	< 1	ND
FL-01087-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid F6-8, other 6-8	0	2	PLM-9002	B2	< 1	ND
FL-01088-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid F6-13, other 11-12	0	2	PLM-9002	A	ND	ND
FL-01089-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid F6-18, other 16	0	2	PLM-9002	B2	< 1	ND
FL-01090-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid F6-23, other-upper W. corner of 21	0	2	PLM-9002	B2	< 1	ND
FL-01091-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid F6-3, other-Lower E. of 4 & all of 5	0	2	PLM-9002	B2	< 1	ND
FL-01092-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid F6-8, other 9-10	0	2	PLM-9002	B2	< 1	ND
FL-01093-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid F6-13, other-lower E. 13, all of 14 & 15	0	2	PLM-9002	B2	< 1	ND
FL-01094-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid F6-18, other 18-20	0	2	PLM-9002	B2	< 1	ND
FL-01095-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid F6-23, other-Upper W. corner of 21, all of	0	2	PLM-9002	A	ND	ND
FL-01109-B	KDC Flyway	10/11/2004	Field Sample		Surface soil	Field	Grid E6-3, other 1-3	0	2	PLM-9002	A	ND	ND
FL-01110-B	KDC Flyway	10/11/2004	Field Sample		Surface soil	Field	Grid E6-8, other 6-8	0	2	PLM-9002	A	ND	ND
FL-01111-B	KDC Flyway	10/11/2004	Field Sample		Surface soil	Field	Grid E6-13, other 11-13	0	2	PLM-9002	B2	< 1	ND
FL-01112-B	KDC Flyway	10/11/2004	Field Sample		Surface soil	Field	Grid E6-18, 16-18	0	2	PLM-9002	B2	< 1	ND
FL-01113-B	KDC Flyway	10/11/2004	Field Sample		Surface soil	Field	Grid E6-23, other 21-23	0	2	PLM-9002	B2	< 1	ND

Table 2-25. Flyway Removal-related Soil Sample Results – July to November 2004

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (Inches)	Bottom Depth (Inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
FL-01114-B	KDC Flyway	10/11/2004	Field Sample		Surface soil	Field	Grid E6-14, other 4,9,14,19 & 24	0	2	PLM-9002	B2	< 1	ND
FL-01115-B	KDC Flyway	10/11/2004	Field Sample		Surface soil	Field	Grid E6-15, other 5, 10, 15, 20 & 25	0	2	PLM-9002	B2	< 1	ND
FL-01116-B	KDC Flyway	10/11/2004	Field Sample		Surface soil	Field	Grid E6-14, other 4,9,14,19 & 24	0	2	PLM-9002	B2	< 1	ND
FL-01157-B	KDC Flyway	10/14/2004	Field Sample		Surface soil	Field	Grid D7-3, other 1-3	0	2	PLM-9002	B2	< 1	ND
FL-01158-B	KDC Flyway	10/14/2004	Field Sample		Surface soil	Field	Grid D7-8, other 6-9	0	2	PLM-9002	B2	< 1	ND
FL-01159-B	KDC Flyway	10/14/2004	Field Sample		Surface soil	Field	Grid D7-13	0	2	PLM-9002	B2	< 1	ND
FL-01160-B	KDC Flyway	10/14/2004	Field Sample		Surface soil	Field	Grid D7-18	0	2	PLM-9002	B2	< 1	ND
FL-01161-B	KDC Flyway	10/14/2004	Field Sample		Surface soil	Field	Grid D7-23	0	2	PLM-9002	B2	< 1	ND
FL-01188-B	KDC Flyway	10/18/2004	Field Sample		Surface soil	Field	Grid D6-3	0	2	PLM-9002	B2	< 1	ND
FL-01189-B	KDC Flyway	10/18/2004	Field Sample		Surface soil	Field	Grid D6-8	0	2	PLM-9002	A	ND	ND
FL-01190-B	KDC Flyway	10/18/2004	Field Sample		Surface soil	Field	Grid D6-13	0	2	PLM-9002	B2	< 1	ND
FL-01191-B	KDC Flyway	10/18/2004	Field Sample		Surface soil	Field	Grid D6-18	0	2	PLM-9002	A	ND	ND
FL-01192-B	KDC Flyway	10/18/2004	Field Sample		Surface soil	Field	Grid D6-23	0	2	PLM-9002	A	ND	ND
FL-01193-B	KDC Flyway	10/18/2004	Field Sample		Surface soil	Field	Grid C7-23, other 21-23	0	2	PLM-9002	A	ND	ND
FL-01207-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid I6-11	0	2	PLM-9002	B2	< 1	ND
FL-01208-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid I6-12	0	2	PLM-9002	B2	< 1	ND
FL-01209-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid I6-13, other 13, 18 & 23	0	2	PLM-9002	B2	< 1	ND
FL-01210-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid I5-25	0	2	PLM-9002	C	3	ND
FL-01211-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid J5-5, other 4 & 5	0	2	PLM-9002	C	5	ND
FL-01212-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid J6-1	0	2	PLM-9002	C	1	ND
FL-01213-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid J6-2, other 2 & 7	0	2	PLM-9002	B2	< 1	ND
FL-01214-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid J6-3, other 3, 8 & 13	0	2	PLM-9002	B2	< 1	ND
FL-01215-B	KDC Flyway	10/19/2004	Field Duplicate	FL-01209	Surface soil	Field	Grid I6-13, other 13, 18 & 23	0	2	PLM-9002	B2	< 1	ND
FL-01216-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid G4-3	0	2	PLM-9002	A	ND	ND
FL-01217-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid G4-8	0	2	PLM-9002	A	ND	ND
FL-01218-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid G4-13	0	2	PLM-9002	B2	< 1	ND
FL-01219-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid G4-18	0	2	PLM-9002	A	ND	ND
FL-01220-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid G4-23	0	2	PLM-9002	A	ND	ND
FL-01262-B	KDC Flyway	10/22/2004	Field Sample		Surface soil	Field	Grid G5-3	0	2	PLM-9002	B2	< 1	ND
FL-01263-B	KDC Flyway	10/22/2004	Field Sample		Surface soil	Field	Grid G5-8	0	2	PLM-9002	A	ND	ND
FL-01264-B	KDC Flyway	10/22/2004	Field Sample		Surface soil	Field	Grid G5-13	0	2	PLM-9002	A	ND	ND
FL-01265-B	KDC Flyway	10/22/2004	Field Sample		Surface soil	Field	Grid G5-18	0	2	PLM-9002	A	ND	ND
FL-01266-B	KDC Flyway	10/22/2004	Field Sample		Surface soil	Field	Grid G5-23	0	2	PLM-9002	A	ND	ND
FL-01267-B	KDC Flyway	10/22/2004	Field Sample		Surface soil	Field	Grid H5-14, other 3,9,14,19&25	0	2	PLM-9002	A	ND	ND
FL-01268-B	KDC Flyway	10/22/2004	Field Sample		Surface soil	Field	Grid I6-13, other 1,7,13,19&24	0	2	PLM-9002	A	ND	ND
FL-01295-B	KDC Flyway	10/26/2004	Field Sample		Surface soil	Field	Grid F-6	0	2	PLM-9002	A	ND	ND
FL-01296-B	KDC Flyway	10/26/2004	Field Sample		Surface soil	Field	Grid E-6	0	2	PLM-9002	A	ND	ND
FL-01297-B	KDC Flyway	10/26/2004	Field Sample		Surface soil	Field	Grid D-6	0	2	PLM-9002	A	ND	ND
FL-01298-B	KDC Flyway	10/26/2004	Field Sample		Surface soil	Field	Grid C-6	0	2	PLM-9002	A	ND	ND
FL-01312-B	KDC Flyway	10/27/2004	Field Sample		Surface soil	Field	Grid Q3-5	0	2	PLM-9002	A	ND	ND
FL-01313-B	KDC Flyway	10/27/2004	Field Sample		Surface soil	Field	Grid P3-3	0	2	PLM-9002	A	ND	ND
FL-01314-B	KDC Flyway	10/27/2004	Field Sample		Surface soil	Field	Grid P3-8	0	2	PLM-9002	A	ND	ND
FL-01315-B	KDC Flyway	10/27/2004	Field Sample		Surface soil	Field	Grid P3-13	0	2	PLM-9002	A	ND	ND
FL-01316-B	KDC Flyway	10/27/2004	Field Sample		Surface soil	Field	Grid P3-18	0	2	PLM-9002	A	ND	ND
FL-01317-B	KDC Flyway	10/27/2004	Field Sample		Surface soil	Field	Grid P3-23	0	2	PLM-9002	A	ND	ND
FL-01318-B	KDC Flyway	10/27/2004	Field Sample		Surface soil	Field	Grid O3-3	0	2	PLM-9002	A	ND	ND

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Table 2-25. Flyway Removal-related Soil Sample Results – July to November 2004

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
FL-01319-B	KDC Flyway	10/27/2004	Field Sample		Surface soil	Field	Grid O3-8	0	2	PLM-9002	A	ND	ND
FL-01320-B	KDC Flyway	10/27/2004	Field Sample		Surface soil	Field	Grid O3-13	0	2	PLM-9002	A	ND	ND
FL-01321-B	KDC Flyway	10/27/2004	Field Sample		Surface soil	Field	Grid O3-18	0	2	PLM-9002	A	ND	ND
FL-01322-B	KDC Flyway	10/27/2004	Field Sample		Surface soil	Field	Grid O3-23	0	2	PLM-9002	A	ND	ND
FL-01323-B	KDC Flyway	10/27/2004	Field Duplicate	FL-01312	Surface soil	Field	Grid O3-5	0	2	PLM-9002	A	ND	ND
FL-01337-B	KDC Flyway	10/28/2004	Field Sample		Surface soil	Field	Grid O4-3	0	2	PLM-9002	A	ND	ND
FL-01338-B	KDC Flyway	10/28/2004	Field Sample		Surface soil	Field	Grid O4-8	0	2	PLM-9002	A	ND	ND
FL-01339-B	KDC Flyway	10/28/2004	Field Sample		Surface soil	Field	Grid O4-13	0	2	PLM-9002	A	ND	ND
FL-01340-B	KDC Flyway	10/28/2004	Field Sample		Surface soil	Field	Grid O4-18	0	2	PLM-9002	A	ND	ND
FL-01341-B	KDC Flyway	10/28/2004	Field Sample		Surface soil	Field	Grid O4-23	0	2	PLM-9002	A	ND	ND
FL-01355-B	KDC Flyway	10/29/2004	Field Sample		Surface soil	Field	Grid N4-11	0	2	PLM-9002	A	ND	ND
FL-01356-B	KDC Flyway	10/29/2004	Field Sample		Surface soil	Field	Grid N4-12	0	2	PLM-9002	A	ND	ND
FL-01357-B	KDC Flyway	10/29/2004	Field Sample		Surface soil	Field	Grid N4-13	0	2	PLM-9002	A	ND	ND
FL-01358-B	KDC Flyway	10/29/2004	Field Sample		Surface soil	Field	Grid N4-14	0	2	PLM-9002	A	ND	ND
FL-01359-B	KDC Flyway	10/29/2004	Field Sample		Surface soil	Field	Grid N4-15	0	2	PLM-9002	A	ND	ND
FL-01360-B*	KDC Flyway	11/4/2004	Field Sample		Surface soil	Field		0	2	PLM-9002	B2	< 1	ND

**Notes and Definitions:**

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

\* = Coordinate data are not available for these samples, therefore, sample locations are not presented graphically in this report

Table 2-26. Flyway Investigation Soil Sample Results – June 2005

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
CS-20301-B	Highway 37 N (Wise Property)	6/1/2005	Field Sample		Surface soil	Road	R07A	0	1	PLM-9002	B2	< 1	ND
CS-20302-B	Highway 37 N (Wise Property)	6/1/2005	Field Sample		Surface soil	Road	R07B	0	1	PLM-9002	B2	< 1	ND
CS-20303-B	Highway 37 N (Wise Property)	6/1/2005	Field Sample		Surface soil	Road	R06A	0	1	PLM-9002	B2	< 1	ND
CS-20304-B	Highway 37 N (Wise Property)	6/1/2005	Field Sample		Surface soil	Road	R06B	0	1	PLM-9002	A	ND	ND
CS-20305-B	Highway 37 N (Wise Property)	6/1/2005	Field Sample		Surface soil	Road	R05A	0	1	PLM-9002	B2	< 1	ND
CS-20306-B	Highway 37 N (Wise Property)	6/1/2005	Field Sample		Surface soil	Road	R05B	0	1	PLM-9002	A	ND	ND
CS-20307-B	Highway 37 N (Wise Property)	6/1/2005	Field Sample		Surface soil	Road	R04A	0	1	PLM-9002	B2	< 1	ND
CS-20308-B	Highway 37 N (Wise Property)	6/1/2005	Field Sample		Surface soil	Road	R04B	0	1	PLM-9002	A	ND	ND
CS-20309-B	Highway 37 N (Wise Property)	6/1/2005	Field Sample		Surface soil	Road	R03A	0	1	PLM-9002	B2	< 1	ND
CS-20310-B	Highway 37 N (Wise Property)	6/1/2005	Field Sample		Surface soil	Road	R03B	0	1	PLM-9002	A	ND	ND
CS-20311-B	Highway 37 N (Wise Property)	6/1/2005	Field Sample		Surface soil	Road	R02	0	1	PLM-9002	B2	< 1	ND
CS-20312-B	Highway 37 N (Wise Property)	6/1/2005	Field Sample		Surface soil	Road	R01	0	1	PLM-9002	B2	< 1	ND

**Notes and Definitions:**

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-27. Flyway Removal-related Soil Sample Results – June 2005

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1R-30768-B	Highway 37 N (Wise Property)	6/10/2005	Field Sample		Surface soil	Property	S. of decon pad	0	2	PLM-9002	A	ND	ND
1R-30869-B	Highway 37 N (Wise Property)	6/10/2005	Field Sample		Surface soil	Property	S. of decon pad	0	2	PLM-9002	A	ND	ND
1R-30926-B	Highway 37 N (Wise Property)	6/21/2005	Field Sample		Surface soil	Property	KDC Right of Way (row)	12	14	PLM-9002	A	ND	ND
1R-30927-B	Highway 37 N (Wise Property)	6/21/2005	Field Sample		Surface soil	Property	KDC ROW	3	5	PLM-9002	C	2	ND
1R-30928-B	Highway 37 N (Wise Property)	6/21/2005	Field Sample		Surface soil	Property	KDC ROW	3	5	PLM-9002	B2	< 1	ND
1R-30938-B	Highway 37 N (Wise Property)	6/22/2005	Field Sample		Surface soil	Property	KDC Right of Way (row)	3	5	PLM-9002	A	ND	ND
1R-30939-B	Highway 37 N (Wise Property)	6/22/2005	Field Sample		Surface soil	Property	KDC ROW	3	5	PLM-9002	B2	< 1	ND
1R-30940-B	Highway 37 N (Wise Property)	6/22/2005	Field Sample		Surface soil	Property	KDC ROW	3	5	PLM-9002	B2	< 1	ND
1R-30941-B	Highway 37 N (Wise Property)	6/22/2005	Field Sample		Surface soil	Property	KDC Right-of-way	2	4	PLM-9002	C	1	ND
1R-30960-B	Highway 37 N (Wise Property)	6/29/2005	Field Sample		Surface soil	Stockpile	KDC S row stockpile	12	12	PLM-9002	C	3	ND

**Notes and Definitions:**

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ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-28. Wise Property Investigation Soil Sample Results – April 2000

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1-01197	Highway 37 N (Wise Property)	4/7/2000	Field Sample		Mining waste	Property		0	2	PLM-9002	C	2	ND
1-01198	Highway 37 N (Wise Property)	4/7/2000	Field Sample		Mining waste	Property		0	2	PLM-9002	C	2	ND
1-01199	Highway 37 N (Wise Property)	4/7/2000	Field Sample		Mining waste	Property		0	12	PLM-9002	C	2	ND
1-01200	Highway 37 N (Wise Property)	4/7/2000	Field Sample		Mining waste	Property		0	6	PLM-9002	C	2	ND
1-01201	Highway 37 N (Wise Property)	4/7/2000	Field Sample		Mining waste	Property		0	12	PLM-9002	C	5	ND
1-01202	Highway 37 N (Wise Property)	4/7/2000	Field Sample		Surface soil	Yard	Yard Soil	0	2	PLM-9002	B	< 1	ND
1-01203	Highway 37 N (Wise Property)	4/7/2000	Field Sample		Mining waste	Property		0	2	PLM-9002	C	5	ND
1-01204	Highway 37 N (Wise Property)	4/7/2000	Field Sample		Mining waste	Property		0	6	PLM-9002	C	3	ND
1-01205	Highway 37 N (Wise Property)	4/7/2000	Field Sample		Surface soil	Yard	Yard Soil	0	2	PLM-9002	B	< 1	ND
1-01206	Highway 37 N (Wise Property)	4/7/2000	Field Sample		Mining waste	Property		0	6	PLM-9002	C	3	ND
1-01207	Highway 37 N (Wise Property)	4/7/2000	Field Sample		Surface soil	Property	Yard Soil	0	2	PLM-9002	B	< 1	ND
1-01208	Highway 37 N (Wise Property)	4/7/2000	Field Sample		Surface soil	Yard	Yard Soil	0	2	PLM-9002	B	< 1	ND

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LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-29. Wise Property Removal-related Soil Sample Results – June 2005

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1R-30754-B	Highway 37 N (Wise Property)	6/8/2005	Field Sample		Surface soil	Property	Berm near Hwy 37	0	2	PLM-9002	A	ND	ND
1R-30755-B	Highway 37 N (Wise Property)	6/8/2005	Field Sample		Surface soil	Property	Berm near Hwy 37	0	2	PLM-9002	A	ND	ND
1R-30756-B	Highway 37 N (Wise Property)	6/8/2005	Field Sample		Surface soil	Property	Berm near Hwy 37	0	2	PLM-9002	A	ND	ND
1R-30767-B	Highway 37 N (Wise Property)	6/10/2005	Field Sample		Surface soil	Property	S. of decon pad	0	2	PLM-9002	A	ND	ND
1R-30880-B	Highway 37 N (Wise Property)	6/14/2005	Field Sample		Surface soil	Property	N. Wise property	12	14	PLM-9002	B2	< 1	ND
1R-30881-B	Highway 37 N (Wise Property)	6/14/2005	Field Sample		Surface soil	Property	N. gate approach	12	14	PLM-9002	A	ND	ND
1R-30882-B	Highway 37 N (Wise Property)	6/14/2005	Field Sample		Surface soil	Property	(S) N. gate approach	12	14	PLM-9002	A	ND	ND
1R-30888-B	Highway 37 N (Wise Property)	6/15/2005	Field Sample		Surface soil	Property	Wise Prop	12	14	PLM-9002	A	ND	ND
1R-30889-B	Highway 37 N (Wise Property)	6/15/2005	Field Sample		Surface soil	Property	Wise Prop	12	14	PLM-9002	A	ND	ND
1R-30890-B	Highway 37 N (Wise Property)	6/15/2005	Field Sample		Surface soil	Property	Wise Prop	12	14	PLM-9002	A	ND	ND
1R-30891-B	Highway 37 N (Wise Property)	6/15/2005	Field Sample		Surface soil	Property	Wise Prop	12	14	PLM-9002	A	ND	ND
1R-30897-B	Highway 37 N (Wise Property)	6/16/2005	Field Sample		Surface soil	Property	Wise Property	12	14	PLM-9002	A	ND	ND
1R-30903-B	Highway 37 N (Wise Property)	6/17/2005	Field Sample		Surface soil	Property	Wise prop.	12	14	PLM-9002	A	ND	ND
1R-30904-B	Highway 37 N (Wise Property)	6/17/2005	Field Sample		Surface soil	Property	Wise prop.	12	14	PLM-9002	A	ND	ND
1R-30905-B	Highway 37 N (Wise Property)	6/17/2005	Field Sample		Surface soil	Property	Wise prop	12	14	PLM-9002	A	ND	ND
1R-30906-B	Highway 37 N (Wise Property)	6/17/2005	Field Sample		Surface soil	Property	Wise prop.	12	14	PLM-9002	A	ND	ND
1R-30916-B	Highway 37 N (Wise Property)	6/20/2005	Field Sample		Surface soil	Property	Wise property	12	14	PLM-9002	A	ND	ND

**Notes and Definitions:**

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LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than



Table 2-30. Rainy Creek Road Frontages - Investigation Soil Sample Results - May 2003

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
CS-12077-C	Rainy Creek Rd (S Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid A	0	6	PLM-Grav	A	ND	ND
CS-12077-FG	Rainy Creek Rd (S Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid A	0	6	PLM-VE	B1	TR	ND
CS-12078-C	Rainy Creek Rd (S Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid B	0	6	PLM-Grav	A	ND	ND
CS-12078-FG	Rainy Creek Rd (S Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid B	0	6	PLM-VE	B1	TR	ND
CS-12079-C	Rainy Creek Rd (S Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid C	0	6	PLM-Grav	B1	0.001	ND
CS-12079-FG	Rainy Creek Rd (S Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid C	0	6	PLM-VE	B1	TR	ND
CS-12080-C	Rainy Creek Rd (S Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid D	0	6	PLM-Grav	A	ND	ND
CS-12080-FG	Rainy Creek Rd (S Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid D	0	6	PLM-VE	B1	TR	ND
CS-12081-C	Rainy Creek Rd (S Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid E	0	6	PLM-Grav	A	ND	ND
CS-12081-FG	Rainy Creek Rd (S Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid E	0	6	PLM-VE	B1	TR	ND
CS-12082-C	Rainy Creek Rd (S Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid F	0	6	PLM-Grav	A	ND	ND
CS-12082-FG	Rainy Creek Rd (S Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid F	0	6	PLM-VE	B1	TR	ND
CS-12083-C	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid G	0	6	PLM-Grav	A	ND	ND
CS-12083-FG	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid G	0	6	PLM-VE	B1	TR	ND
CS-12084-C	Rainy Creek Rd (N Frontage)	5/17/2003	Field Duplicate	cs-12083	Surface soil	Property	Grid G	0	6	PLM-Grav	B1	0.001	ND
CS-12084-FG	Rainy Creek Rd (N Frontage)	5/17/2003	Field Duplicate	cs-12083	Surface soil	Property	Grid G	0	6	PLM-VE	B2	< 1	ND
CS-12085-C	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid H	0	6	PLM-Grav	A	ND	ND
CS-12085-FG	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid H	0	6	PLM-VE	B1	TR	ND
CS-12086-C	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid I	0	6	PLM-Grav	A	ND	ND
CS-12086-FG	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid I	0	6	PLM-VE	B1	TR	ND
CS-12087-C	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid J	0	6	PLM-Grav	B1	0.001	ND
CS-12087-FG	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid J	0	6	PLM-VE	B1	TR	ND
CS-12088-C	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid K	0	6	PLM-Grav	A	ND	ND
CS-12088-FG	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid K	0	6	PLM-VE	A	ND	ND
CS-12089-C	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid L	0	6	PLM-Grav	A	ND	ND
CS-12089-FG	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid L	0	6	PLM-VE	A	ND	ND
CS-12090-C	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid M	0	6	PLM-Grav	A	ND	ND
CS-12090-FG	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid M	0	6	PLM-VE	B1	TR	ND
CS-12091-C	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid N	0	6	PLM-Grav	A	ND	ND
CS-12091-FG	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid N	0	6	PLM-VE	A	ND	ND
CS-12092-C	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid O	0	6	PLM-Grav	A	ND	ND
CS-12092-FG	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid O	0	6	PLM-VE	B1	TR	ND
CS-12093-C	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid P	0	6	PLM-Grav	A	ND	ND
CS-12093-FG	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid P	0	6	PLM-VE	B1	TR	ND

**Notes and Definitions:**

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

FG suffix in Sample ID = fine ground sample portion

C suffix in Sample ID = coarse sample portion

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

PLM-Grav = gravimetric method

PLM-VE = visual estimation method

< = less than

Table 2-31. Rainy Creek Road Frontages Removal-related Soil Sample Results - November 2003

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1R-24095-B*	Rainy Creek Rd (N Frontage)	11/10/2003	Field Sample		Surface soil	Property	Ditch N side mine road	0	2	PLM-9002	B2	< 1	ND

**Notes and Definitions:**

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B suffix in Sample ID = non-processed sample

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

\* = Coordinate data are not available for these samples; therefore, sample locations are not presented graphically in this report.

Table 2-32. Rainy Creek Road Frontages Removal-related Soil Sample Results - August and November 2004

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results				
										Method	LA Bin	LA (%)	C (%)	
1R-26138-B	5000 Highway 37 N	8/12/2004	Field Sample		Surface soil	Property	See DWG D-1, Removal area B	0	2	PLM-9002	A	ND		ND
1R-26139-B	5000 Highway 37 N	8/11/2004	Field Sample		Surface soil	Property	See DWG D-1, Removal Area B	0	2	PLM-9002	A	ND		ND
1R-26148	Rainy Creek Rd (S Frontage)	8/16/2004	Field Sample		Surface soil	Property	J on map	0	2	PLM-9002	C	1		ND
1R-26149	Rainy Creek Rd (S Frontage)	8/16/2004	Field Sample		Surface soil	Property	K on map	0	2	PLM-9002	C	2		ND
1R-26150	Rainy Creek Rd (S Frontage)	8/16/2004	Field Sample		Surface soil	Property	L on map	0	2	PLM-9002	C	3		ND
1R-26151	Rainy Creek Rd (S Frontage)	8/16/2004	Field Sample		Surface soil	Property	M on map	0	2	PLM-9002	C	1		ND
1R-26212	Rainy Creek Rd (S Frontage)	8/20/2004	Field Sample		Surface soil	Property	1 on revised D-1 map	0	2	PLM-9002	B2	< 1		ND
1R-26213	Rainy Creek Rd (S Frontage)	8/20/2004	Field Sample		Surface soil	Property	2 on revised D-1 map	0	2	PLM-9002	B2	< 1		ND
1R-26214	Rainy Creek Rd (S Frontage)	8/20/2004	Field Sample		Surface soil	Property	3 on revised D-1 map	0	2	PLM-9002	B2	< 1		ND
1R-26215	Rainy Creek Rd (S Frontage)	8/20/2004	Field Sample		Surface soil	Property	4 on revised D-1 map	0	2	PLM-9002	B2	< 1		ND
1R-26216	Rainy Creek Rd (S Frontage)	8/20/2004	Field Sample		Surface soil	Property	5 on revised D-1 map	0	2	PLM-9002	B2	< 1		ND
1R-26217	Rainy Creek Rd (S Frontage)	8/20/2004	Field Sample		Surface soil	Property	6 on revised D-1 map	0	2	PLM-9002	B2	< 1		ND
1R-26218	Rainy Creek Rd (S Frontage)	8/20/2004	Field Sample		Surface soil	Property	7 on revised D-1 map	0	2	PLM-9002	B2	< 1		ND
1R-26219	Rainy Creek Rd (S Frontage)	8/20/2004	Field Sample		Surface soil	Property	8 on revised D-1 map	0	2	PLM-9002	B2	< 1		ND
1R-26300	Rainy Creek Rd (S Frontage)	8/20/2004	Field Sample		Surface soil	Property	9 on revised D-1 map	0	2	PLM-9002	C	1		ND
1R-26350-B	Rainy Creek Rd (N Frontage)	8/31/2004	Field Sample		Surface soil	Property	#11 on revised D-1	0	2	PLM-9002	A	ND		ND
1R-26351-B	Rainy Creek Rd (N Frontage)	8/31/2004	Field Sample		Surface soil	Property	#12 on revised D-1	0	2	PLM-9002	B2	< 1		ND
1R-26352-B	Rainy Creek Rd (N Frontage)	8/31/2004	Field Sample		Surface soil	Property	#13 on revised D-1	0	2	PLM-9002	B2	< 1		ND
1R-26353-B	Rainy Creek Rd (N Frontage)	8/31/2004	Field Sample		Surface soil	Property	#14 on revised D-1	0	2	PLM-9002	B2	< 1		ND
1R-26354-B	Rainy Creek Rd (N Frontage)	8/31/2004	Field Sample		Surface soil	Property	#15 on revised D-1	0	2	PLM-9002	B2	< 1		ND
1R-26355-B	Rainy Creek Rd (N Frontage)	8/31/2004	Field Sample		Surface soil	Property	#16 on revised D-1	0	2	PLM-9002	B2	< 1		ND
1R-26356-B	Rainy Creek Rd (N Frontage)	8/31/2004	Field Sample		Surface soil	Property	#17 on revised D-1	0	2	PLM-9002	B2	< 1		ND
1R-26357-B	Rainy Creek Rd (N Frontage)	8/31/2004	Field Sample		Surface soil	Property	#18 on revised D-1	0	2	PLM-9002	C	2		ND
1R-26358-B	Rainy Creek Rd (N Frontage)	8/31/2004	Field Sample		Surface soil	Property	#19 on revised D-1	0	2	PLM-9002	B2	< 1		ND
1R-26359-B	Rainy Creek Rd (N Frontage)	8/31/2004	Field Sample		Surface soil	Property	#20 on revised D-1	0	2	PLM-9002	B2	< 1		ND

Table 2-32: Rainy Creek Road Frontages Removal-related Soil Sample Results - August and November 2004

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1R-27148	Rainy Creek Rd (S Frontage)	10/5/2004	Field Sample		Surface soil	Property	21 on revised D-1	0	2	PLM-9002	B2	< 1	ND
1R-27269	Rainy Creek Rd (S Frontage)	10/5/2004	Field Sample		Surface soil	Property	22 on revised D-1	0	2	PLM-9002	B2	< 1	ND
1R-27270	Rainy Creek Rd (S Frontage)	10/5/2004	Field Sample		Surface soil	Property	23 on revised D-1	0	2	PLM-9002	B2	< 1	ND

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B suffix in Sample ID = non-processed sample

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-33. Rainy Creek Road Frontages Removal-related Soil Sample Results - August 2006

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1-08351-B*	Rainy Creek Rd (N Frontage)	8/9/2006	Field Sample		Stockpile	Property	Waterline N. side Hwy 37w	0	2	PLM-9002	C	1	ND

Notes and Definitions.

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

B suffix in Sample ID = non-processed sample

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

\* = Coordinate data are not available for these samples; therefore, sample locations are not presented graphically in this report.

Table 2-34. Kootenai Bluffs Subdivision Investigation Soil Sample Results – December 1999

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
D-00001-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00002-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00003-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00004-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00005-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00006-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00007-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00008-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00009-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00010-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
D-00011-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00012-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00013-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00014-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C	2	ND
D-00015-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00016-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00017-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00018-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00019-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00020-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
D-00021-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00022-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	B2	< 1	ND
D-00023-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00024-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	B2	< 1	ND
D-00025-B	Conveyor Unloading Station	12/11/1999	Field Duplicate	D-00020	Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
D-00026-B	Conveyor Unloading Station	12/11/1999	Field Duplicate	D-00004	Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00027-B	Conveyor Unloading Station	12/11/1999	Field Duplicate	D-00013	Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND

**Notes and Definitions:**

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B suffix in Sample ID = non-processed sample

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-35. Kootenai Bluffs Subdivision Investigation Soil Sample Results – March 2000

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1-00200	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND
1-00201	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND	ND
1-00202	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C	5	ND
1-00203	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	B	< 1	ND
1-00204	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C	5	ND
1-00205	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C	7	ND
1-00206	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	C	7	ND
1-00207	KDC Bluffs Subdivision	3/9/2000	Field Sample		Other	Property		0	1	PLM-9002	C	2	ND
1-00208	KDC Bluffs Subdivision	3/9/2000	Field Sample		Other	Property		0	1	PLM-9002	C	2	ND
1-00209	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND
1-00210	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
1-00211	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND	ND
1-00212	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
1-00213	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
1-00217	KDC Bluffs Subdivision	3/9/2000	Field Sample		Other	Property		0	24	PLM-9002	B	< 1	ND
1-00218	KDC Bluffs Subdivision	3/9/2000	Field Sample		Other	Property		0	24	PLM-9002	B	< 1	ND
1-00219	KDC Bluffs Subdivision	3/9/2000	Field Sample		Other	Property		0	24	PLM-9002	A	ND	ND
1-00220	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
1-00221	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND	ND
1-00222	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
1-00223	KDC Bluffs Subdivision	3/10/2000	Field Sample		Mining waste	Property		0	2	PLM-9002	C	7	ND
1-00224	KDC Bluffs Subdivision	3/10/2000	Field Sample		Mining waste	Property		2	12	PLM-9002	C	10	ND
1-00225	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
1-00226	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND	ND
1-00227	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
1-00228	KDC Bluffs Subdivision	3/10/2000	Field Sample		Other	Property		0	1	PLM-9002	C	4	ND
1-00229	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND
1-00230	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
1-00231	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND	ND
1-00235	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND
1-00236	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND	ND
1-00237	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
1-00238	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
1-00239	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	B	< 1	ND
1-00240	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND
1-00241	KDC Bluffs Subdivision	3/10/2000	Field Sample		Other	Property		0	1	PLM-9002	A	ND	ND
1-00242	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND
1-00243	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND

**Notes and Definitions:**

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LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-36. Kootenai Bluffs Subdivision Investigation Soil Sample Results – March 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results				
										Method	LA Bin	LA (%)	C (%)	
1-02082	Conveyor Unloading Station	3/27/2001	Field Sample		Surface soil	Property	Soil	0	36	PLM-9002	A	ND		ND
1-02083	Conveyor Unloading Station	3/27/2001	Field Sample		Surface soil	Property	Soil	0	48	PLM-9002	A	ND		ND
1-02084	Conveyor Unloading Station	3/27/2001	Field Sample		Surface soil	Property	Soil	48	96	PLM-9002	A	ND		ND
1-02085	Conveyor Unloading Station	3/27/2001	Field Sample		Surface soil	Property	Soil	72	112	PLM-9002	A	ND		ND
1-02086	Conveyor Unloading Station	3/27/2001	Field Sample		Surface soil	Property	Soil	36	84	PLM-9002	A	ND		ND
1-02107	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	28	PLM-9002	C		5	ND
1-02108	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	10	13	PLM-9002	C		2	ND
1-02109	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	22	PLM-9002	C		10	ND
1-02111	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	15	PLM-9002	C		3	ND
1-02112	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	15	21	PLM-9002	C		2	ND
1-02113	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	11	PLM-9002	C		10	ND
1-02114	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	11	15	PLM-9002	C		2	ND
1-02115	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	11	PLM-9002	C		8	ND
1-02116	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	11	15	PLM-9002	B	<	1	ND
1-02117	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	C		3	ND
1-02118	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C		2	ND
1-02119	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	2	6	PLM-9002	B	<	1	ND
1-02120	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	C		10	ND
1-02141	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C		2	ND
1-02142	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	2	4	PLM-9002	B	<	1	ND
1-02143	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	7	PLM-9002	C		10	ND
1-02144	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	7	10	PLM-9002	C		2	ND
1-02145	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND
1-02146	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND
1-02147	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND
1-02148	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND
1-02149	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND
1-02150	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND

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LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than



Table2-37. Kootenai Bluffs Subdivision Investigation Soil Sample Results – July 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (Inches)	Bottom Depth (Inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1-03095	KDC Bluffs	7/11/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03101	KDC Bluffs	7/11/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03118	KDC Bluffs	7/12/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03124	KDC Bluffs	7/12/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03127	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03128	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03129	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03130	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03211	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03212	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03213	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03214	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03217	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03218	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03219	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03220	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03221	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03222	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03223	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03170	KDC Bluffs	7/24/2001	Field Duplicate	1-03229	Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03225	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03226	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03227	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03228	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03229	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03230	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03231	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03232	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03233	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03234	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03235	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03236	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03237	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03238	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03239	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03240	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03248	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03249	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03250	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-03258	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	other surface soil	0	6	PLM-9002	B	< 1	ND
1-03260	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	other surface soil	0	6	PLM-9002	B	< 1	ND
1-03263	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	other surface soil	0	6	PLM-9002	B	< 1	ND
1-03264	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property		0	6	PLM-9002	B	< 1	ND

Table2-37. Kootenai Bluffs Subdivision Investigation Soil Sample Results – July 2001

**Notes and Definitions:**

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-38. Kootenai Bluffs Subdivision Investigation Soil Sample Results – September to November 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1R-10001	KDC Bluffs	9/7/2001	Field Sample		Surface soil	Property	outside of exclusion zone	0	3	PLM-9002	A	ND	ND
1R-10002*	KDC Bluffs	9/7/2001	Field Sample		Surface soil	Property	other	6	12	PLM-9002	B	< 1	ND
1R-10003	KDC Bluffs	9/15/2001	Field Sample		Surface soil	Property	other	0	12	PLM-9002	A	ND	ND
1R-10004	KDC Bluffs	9/15/2001	Field Sample		Surface soil	Property	other	0	12	PLM-9002	A	ND	ND
1R-10005	KDC Bluffs	9/18/2001	Field Sample		Surface soil	Property	other	0	3	PLM-9002	A	ND	ND
1R-10006	KDC Bluffs	9/21/2001	Field Sample		Surface soil	Property	vermiculite stockpile	0	4	PLM-9002	B	< 1	ND
1R-10007	KDC Bluffs	9/21/2001	Field Sample		Surface soil	Property	vermiculite stockpile	0	4	PLM-9002	C	3	ND
1R-10008	KDC Bluffs	10/3/2001	Field Sample		Surface soil	Property	slope	0	6	PLM-9002	B	< 1	ND
1R-10013	KDC Bluffs	10/3/2001	Field Sample		Surface soil	Property	slope	0	6	PLM-9002	B	< 1	ND
1R-10014	KDC Bluffs	10/6/2001	Field Sample		Surface soil	Property	other, grid 4T	0	4	PLM-9002	A	ND	ND
1R-10015	KDC Bluffs	10/6/2001	Field Sample		Surface soil	Property	other, grid 2O	0	4	PLM-9002	B	< 1	ND
1R-12233	KDC Bluffs	10/15/2001	Field Sample		Subsurface soil	Property	utility line	24	28	PLM-9002	A	ND	ND
1R-12234	KDC Bluffs	10/15/2001	Field Sample		Subsurface soil	Property	utility box	22	26	PLM-9002	A	ND	ND
1R-12235*	KDC Bluffs	10/16/2001	Field Sample		Surface soil	Property	driveway	0	2	PLM-9002	A	ND	ND
1R-12236*	KDC Bluffs	10/16/2001	Field Sample		Surface soil	Property	driveway	0	2	PLM-9002	A	ND	ND
1R-12237*	KDC Bluffs	10/16/2001	Field Sample		Surface soil	Property	driveway	0	2	PLM-9002	B	< 1	ND
1R-12238*	KDC Bluffs	10/16/2001	Field Sample		Surface soil	Property	driveway	0	2	PLM-9002	A	ND	ND
1R-12239	KDC Bluffs	10/16/2001	Field Sample		Surface soil	Property	driveway	0	4	PLM-9002	B	< 1	ND
1R-12240	KDC Bluffs	10/16/2001	Field Sample		Subsurface soil	Property	driveway	4	12	PLM-9002	A	ND	ND
1R-12261	KDC Bluffs	10/16/2001	Field Sample		Subsurface soil	Property	driveway	12	24	PLM-9002	A	ND	ND
1R-12262	KDC Bluffs	10/16/2001	Field Sample		Subsurface soil	Property	driveway	12	24	PLM-9002	A	ND	ND
1R-12263	KDC Bluffs	10/16/2001	Field Sample		Surface soil	Property	driveway	0	4	PLM-9002	A	ND	ND
1R-12264	KDC Bluffs	10/16/2001	Field Sample		Subsurface soil	Property	driveway	4	12	PLM-9002	A	ND	ND
1R-12265	KDC Bluffs	10/16/2001	Field Sample		Subsurface soil	Property	driveway	12	24	PLM-9002	A	ND	ND
1R-12266	KDC Bluffs	10/16/2001	Field Sample		Subsurface soil	Property	driveway	24	36	PLM-9002	A	ND	ND
1R-12267	KDC Bluffs	10/16/2001	Field Sample		Surface soil	Property	driveway	0	4	PLM-9002	B	< 1	ND
1R-12268	KDC Bluffs	10/16/2001	Field Sample		Subsurface soil	Property	driveway	4	12	PLM-9002	A	ND	ND
1R-12269	KDC Bluffs	10/16/2001	Field Sample		Subsurface soil	Property	driveway	12	24	PLM-9002	A	ND	ND
1R-12270	KDC Bluffs	10/16/2001	Field Sample		Subsurface soil	Property	driveway	24	36	PLM-9002	A	ND	ND
1R-12271	KDC Bluffs	10/19/2001	Field Sample		Surface soil	Property	excavated gnd	0	4	PLM-9002	B	< 1	ND
1R-12272	KDC Bluffs	10/19/2001	Field Sample		Surface soil	Property	excavated grid	0	4	PLM-9002	A	ND	ND
1R-12273	KDC Bluffs	10/19/2001	Field Sample		Surface soil	Property	excavated gnd	0	4	PLM-9002	B	< 1	ND
1R-12274	KDC Bluffs	10/19/2001	Field Sample		Surface soil	Property	excavated soil	0	4	PLM-9002	B	< 1	ND
1R-12275*	KDC Bluffs	10/20/2001	Field Sample		Subsurface soil	Property	utility line	20	24	PLM-9002	A	ND	ND
1R-12701	KDC Bluffs	10/23/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	C	3	ND
1R-12702	KDC Bluffs	10/23/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	B	< 1	ND
1R-12703	KDC Bluffs	10/24/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	B	< 1	ND
1R-12704	KDC Bluffs	10/25/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	B	< 1	ND
1R-12705	KDC Bluffs	10/25/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	C	6	ND
1R-12706	KDC Bluffs	10/25/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	B	< 1	ND
1R-12707	KDC Bluffs	10/25/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	B	< 1	ND
1R-12708	KDC Bluffs	10/25/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	A	ND	ND
1R-12710	KDC Bluffs	10/25/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	B	< 1	ND
1R-12711	KDC Bluffs	10/25/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	C	3	ND
1R-12712*	KDC Bluffs	10/25/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	B	< 1	ND
1R-12713	KDC Bluffs	10/26/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	B	< 1	ND
1R-12714	KDC Bluffs	10/26/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	A	ND	ND
1R-12715	KDC Bluffs	10/27/2001	Field Sample		Surface soil	Property	future residence	0	4	PLM-9002	B	< 1	ND
1R-12716	KDC Bluffs	10/27/2001	Field Sample		Surface soil	Property	future residence	0	4	PLM-9002	B	< 1	ND
1R-12132	KDC Bluffs	10/29/2001	Field Sample		Subsurface soil	Property	excavation	7	7.2	PLM-9002	B	< 1	ND

CDM

Table 2-38. Kootenai Bluffs Subdivision Investigation Soil Sample Results – September to November 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results				
										Method	LA Bin	LA (%)	C (%)	
1R-12133	KDC Bluffs	10/29/2001	Field Sample		Subsurface soil	Property	excavation	4	4.2	PLM-9002	B	<	1	ND
1R-12134	KDC Bluffs	10/29/2001	Field Sample		Subsurface soil	Property	excavation	3	3.2	PLM-9002	B	<	1	ND
1R-13221	KDC Bluffs	10/30/2001	Field Sample		Subsurface soil	Property	excavation	3	5	PLM-9002	B	<	1	ND
1R-13222	KDC Bluffs	10/30/2001	Field Sample		Subsurface soil	Property	excavation	3	5	PLM-9002	A	ND		ND
1R-13223	KDC Bluffs	10/30/2001	Field Sample		Subsurface soil	Property	excavation	3	5	PLM-9002	A	ND		ND
1R-13224	KDC Bluffs	10/31/2001	Field Sample		Surface soil	Property	stockpile #2	24	26	PLM-9002	A	ND		ND
1R-13225	KDC Bluffs	10/31/2001	Field Sample		Surface soil	Property	stockpile #2	24	26	PLM-9002	A	ND		ND
1R-13226	KDC Bluffs	10/31/2001	Field Sample		Surface soil	Property	road subsurface	36	38	PLM-9002	A	ND		ND
1R-13227	KDC Bluffs	11/1/2001	Field Sample		Surface soil	Property	haul road	0	4	PLM-9002	A	ND		ND
1R-13228	KDC Bluffs	11/1/2001	Field Sample		Surface soil	Property	haul road	0	4	PLM-9002	A	ND		ND
1R-13229	KDC Bluffs	11/2/2001	Field Sample		Surface soil	Property	haul road	0	4	PLM-9002	B	<	1	ND
1R-13230	KDC Bluffs	11/2/2001	Field Sample		Surface soil	Property	haul road	0	4	PLM-9002	B	<	1	ND
1R-13231	KDC Bluffs	11/2/2001	Field Sample		Surface soil	Property	haul road	0	4	PLM-9002				
1R-13232	KDC Bluffs	11/2/2001	Field Sample		Surface soil	Property	haul road	0	4	PLM-9002	B	<	1	ND

**Notes and Definitions:**

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

\* = Coordinate data are not available for these samples; therefore, sample locations are not presented graphically in this report

Table 2-39. Kootenai Bluffs Subdivision Investigation Soil Sample Results – September 2003

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results				
										Method	LA Bin	LA (%)		C (%)
1R-23029-B	KDC Bluffs	9/30/2003	Field Sample		Subsurface soil	Stockpile	W excavation	4	6	PLM-9002	B2	<	1	ND
1R-23030-B	KDC Bluffs	9/30/2003	Field Sample		Subsurface soil	Stockpile	NE excavation	14	18	PLM-9002	A	ND		ND

**Notes and Definitions:**

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-40. Kootenai Bluffs Subdivision Investigation Soil Sample Results – July 2005

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results				
										Method	LA Bin	LA (%)		C (%)
SQ-00315-C	KDC Bluffs	7/12/2005	Field Sample		Surface soil	Property	Forested area	0	2	PLM-Grav	A	ND		ND
SQ-00315-FG1	KDC Bluffs	7/12/2005	Field Sample		Surface soil	Property	Forested area	0	2	PLM-VE	B1	TR		ND
SQ-00316-C	KDC Bluffs	7/14/2005	Field Sample		Surface soil	Property	Forested area	0	2	PLM-Grav	A	ND		ND
SQ-00316-FG1	KDC Bluffs	7/14/2005	Field Sample		Surface soil	Property	Forested area	0	2	PLM-VE	B1	TR		ND

**Notes and Definitions:**

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-41. Kootenai Bluffs Subdivision Investigation Soil Sample Results – April 2006

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results				
										Method	LA Bin	LA (%)	C (%)	
CS-20841-FG1	KDC Bluffs Subdivision	4/21/2006	Field Sample		Surface soil	Field	Lot 1: Shop & Garage	0	1	PLM-VE	A	ND		ND
CS-20842-FG1	KDC Bluffs Subdivision	4/21/2006	Field Sample		Surface soil	Field	Lot 1: House	0	1	PLM-VE	B1	TR		ND
CS-20843-C	KDC Bluffs Subdivision	4/21/2006	Field Sample		Surface soil	Field	Lot 1, N.E. House lot	0	1	PLM-Grav	A	ND		ND
CS-20843-FG1	KDC Bluffs Subdivision	4/21/2006	Field Sample		Surface soil	Field	Lot 1, N.E. House lot	0	1	PLM-VE	A	ND		ND
CS-20844-FG1	KDC Bluffs Subdivision	4/21/2006	Field Sample		Surface soil	Field	Lot 1: N.W. Shop & Garage Lot	0	1	PLM-VE	B1	TR		ND
CS-20845-FG1	KDC Bluffs Subdivision	4/21/2006	Field Sample		Surface soil	Field	Lot 1: S.E. Lot	0	1	PLM-VE	A	ND		ND
CS-20846-C	KDC Bluffs Subdivision	4/21/2006	Field Sample		Surface soil	Field	Lot 1: S.W. Lot	0	1	PLM-Grav	A	ND		ND
CS-20846-FG1	KDC Bluffs Subdivision	4/21/2006	Field Sample		Surface soil	Field	Lot 1: S.W. Lot	0	1	PLM-VE	A	ND		ND
CS-20847-C	KDC Bluffs Subdivision	4/21/2006	Field Duplicate	CS-20846	Surface soil	Field	Lot 1: S.W. Lot - duplicate of CS-20846.	0	1	PLM-Grav	A	ND		ND
CS-20847-FG1	KDC Bluffs Subdivision	4/21/2006	Field Duplicate	CS-20846	Surface soil	Field	Lot 1: S.W. Lot - duplicate of CS-20846.	0	1	PLM-VE	A	ND		ND

**Notes and Definitions:**

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

FG1 suffix in Sample ID = fine ground sample portion

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

PLM-VE = visual estimation method

< = less than

**Appendix A**  
**Personal and Stationary Air Monitoring Data**  
**Collected During Operable Unit 2 Removal and**  
**Response Activities as of October 15, 2007**



e: The report excludes all Lab QC results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysts, etc.

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Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (air=L Area (dust=cm²))	Sample Date	Grid Open ings	Filter Status Non Analyzed	ISO Concentrations (Air = structures/cc; Dust = structures/cm³) (METHOD - ISO 10312)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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The report excludes all Lab QC results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

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Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (air=1/LV Area (dust=cm³))	Sample Date	PCM (METHOD NIOSH 7400) Fibers/CC	AHERA / ASTM 5755																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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1R-00225	PALLETIZE STYROFOAM PLANTING CONTAINERS AT SCREENING PLANT	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	1245	7/10/2000	0.011																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									</



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Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Class	Vol (mL) Area (dustrcm <sup>2</sup> )	Sample Date	Fibers/CC	PCM (METHOD- NIOSH 7400)	AHERA / ASTM 5755																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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IR-01833	Operator - Dump truck	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	542	9/16/2000	< 0.009																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

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Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (air=LI)/ Area (dust=cm²)	Sample Date	Fibers/CC	PCM (MFTON - NIOSH 7400)	AHERA / ASTM 5755																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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IR-02728	Foreman	5000 Highway 37 N	#10 Clean Room	#10 Clean Room	Air	Indoor	Stationary	Field Sample	N/A	1353	10/17/2000	0.026																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			</

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Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (air=1) Area (dust=cm²)	Sample Date	Fibers/CC	PCM (METHOD - NIOSH 7400)	AHERA / ASTM 5755																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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1R-03877	Labor	5000 Highway 37 N	Volo Trailer	#12 Volo/EPA Trailer	As	Indoor	Stationary	Field Sample	N/A	1200	11/11/2000	< 0.009																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

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Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub-Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (dm <sup>3</sup> ) (dust=cm <sup>3</sup> )	Sample Date	Fibers/CC	PCM (MFTMHD - NIOSH 7400)	AHERA / ASTM 5755																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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IR-04305	pumping out pond. Slating in slung prep screening plant	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personal	Field Sample		83	3/12/2001		< 0.033																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					



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Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Class	Vol (air/L) Area (dust/cm²)	Sample Date	Fibers/CC	PCM (MET HOD - NIOSH 7400)	AHERA / ASTM 5755																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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IR-05096		5000 Highway 37 N	Property	SP-16	Air	Outdoor	Stationary Ambient	Field Sample	N/A	1754	6/9/2001	0.003																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														</

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Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (Air/L) Area (dust/cm²)	Sample Date	Fibers/CC	PCM (MTHM) - NIOSH 7400	AHERA / ASTM 5755												Asbestos Type Identified	Total Asbestos			Asb conc (Air - S/cc) or (Dust = S/cm²)
														Poison Concentration Confidence Interval (90% Confidence Interval on Concentration)		Libby Amphiboles (LA)			Chrysotile (C)			Other Amphiboles (OA)								
														Lower Bound	Upper Bound	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm²)	Asb conc (Air = S/cc) or (Dust = S/cm²)	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm²)	Asb conc (Air = S/cc) or (Dust = S/cm²)	S<5u	S>5u					
IR-05396		5000 Highway 37 N	Property	SP-2	Air	Outdoor	Stationary Ambient	Field Sample	N/A	1425	6/11/2001	< 0.002														UNKN 0	0	0	0	149.941
IR-05397		5000 Highway 37 N	Property	SP-3	Air	Outdoor	Stationary Ambient	Field Sample	N/A	1645	6/11/2001	< 0.001														UNKN 0	0	0	0	17491 65.368
IR-05398		5000 Highway 37 N	Property	SP-4	Air	Outdoor	Stationary Ambient	Field Sample	N/A	1670	6/11/2001	< 0.002														UNKN 0	0	0	0	17492 2.868
IR-05399		5000 Highway 37 N	Property	SP-5	Air	Outdoor	Stationary Ambient	Field Sample	N/A	1670	6/11/2001	< 0.001														UNKN 0	0	0	0	17493 2.859
IR-05400		5000 Highway 37 N	Property	SP-6	Air	Outdoor	Stationary Ambient	Field Sample	N/A	1518	6/11/2001	< 0.002														UNKN 0	0	0	0	17494 2.870
IR-05401		5000 Highway 37 N	Property	SP-7	Air	Outdoor	Stationary Ambient	Field Sample	N/A	1424	6/11/2001	< 0.002														UNKN 0	0	0	0	17496 2.871
IR-05402		5000 Highway 37 N	Property	SP-16	Air	Outdoor	Stationary Ambient	Field Sample	N/A	1707	6/11/2001	< 0.002														UNKN 0	0	0	0	17496 2.871
IR-05405		5000 Highway 37 N	Clean Room	SP-9	Air	Indoor	Stationary Ambient	Field Sample	N/A	1482	6/11/2001	0.003														UNKN 0	0	0	0	17498 126.666
IR-05406		5000 Highway 37 N	Maroon Office	SP-13	Air	Indoor	Stationary Ambient	Field Sample	N/A	1605	6/11/2001	0.012														UNKN 0	0	0	0	17499 2.874
IR-05407		5000 Highway 37 N	Clean Room	SP-17	Air	Indoor	Stationary Ambient	Field Sample	N/A	1470	6/11/2001	0.005														UNKN 0	0	0	0	17500 2.875
IR-05408		5000 Highway 37 N	NAFU	SP-18	Air	Outdoor	Stationary Ambient	Field Sample	N/A	1455	6/11/2001	< 0.002														UNKN 0	0	0	0	17501 2.876
IR-05409		5000 Highway 37 N	Gate	SP-19	Air	Outdoor	Stationary Ambient	Field Sample	N/A	1491	6/11/2001	< 0.002														UNKN 0	0	0	0	17502 2.877
IR-05410		5000 Highway 37 N	Volvo Trailer	SP-11	Air	Indoor	Stationary Ambient	Field Sample	N/A	1626	6/11/2001	0.012														UNKN 0	0	0	0	17503 2.878
IR-05411	Doon upper level - Driver #19 Volvo	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personnel	Field Sample	N/A	525	6/11/2001	0.025														UNKN 1.00000	0	0	0	17504 2.879
IR-05414	Doon upper level - Driver #19 Volvo	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personnel	Field Sample	N/A	49	6/11/2001	0.07														UNKN 0	0	0	0	17505 2.880
IR-05415	Drive - excavator	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personnel	Field Sample	N/A	840	6/11/2001	0.018														UNKN 0	0	0	0	17507 2.882
IR-05416	Drive - excavator	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personnel	Field Sample	N/A	50	6/11/2001	< 0.049														UNKN 0	0	0	0	17508 2.883
IR-05418	Drive	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personnel	Field Sample	N/A	497	6/11/2001	0.086														UNKN 0	0	0	0	17509 2.884
IR-05419	Drive	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personnel	Field Sample	N/A	49	6/11/2001	< 0.055														UNKN 0	0	0	0	17510 2.885
IR-05420	Water Hose Operator	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personnel	Field Sample	N/A	833	6/11/2001	0.012														UNKN 0	0	0	0	17511 2.886
IR-05421	Water Hose Operator	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personnel	Field Sample	N/A	49	6/11/2001	< 0.055														UNKN 0	0	0	0	17512 2.887
IR-05425	Operator - Bulldozer at mine	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personnel	Field Sample	N/A	804	6/11/2001	0.177														UNKN 0	0	0	0	17513 2.888
IR-05426	Operator - Bulldozer at mine	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personnel	Field Sample	N/A	49	6/11/2001	0.36														UNKN 0	0	0	0	17513 2.888
IR-05427		5000 Highway 37 N	Property	SP-1	Air	Outdoor	Stationary Ambient	Field Sample	N/A	1253	6/11/2001	< 0.002														UNKN 0	0	0	0	17515 2.890
IR-05428		5000 Highway 37 N	Property	SP-2	Air	Outdoor	Stationary Ambient	Field Sample	N/A	1644	6/11/2001	< 0.002														UNKN 0	0	0	0	17516 2.891
IR-05429		5000 Highway 37 N	Property	SP-3	Air	Outdoor	Stationary Ambient	Field Sample	N/A	1731	6/11/2001	< 0.002														UNKN 0	0	0	0	17517 2.892
IR-05430		5000 Highway 37 N	Property	SP-4	Air	Outdoor	Stationary Ambient	Field Sample	N/A	1749	6/11/2001	< 0.002														UNKN 0	0	0	0	17518 2.893
IR-05431		5000 Highway 37 N	Property	SP-5	Air	Outdoor	Stationary Ambient	Field Sample	N/A	1500	6/11/2001	< 0.002														UNKN 0	0	0	0	17519 2.894
IR-05432		5000 Highway 37 N	Property	SP-6	Air	Outdoor	Stationary Ambient	Field Sample	N/A	1520	6/11/2001	< 0.002														UNKN 0	0	0	0	17520 2.895
IR-05433		5000 Highway 37 N	Property	SP-7	Air	Outdoor	Stationary Ambient	Field Sample	N/A	1307	6/11/2001	< 0.002														UNKN 0	0	0	0	17521 2.896
IR-05434	Doon upper level	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personnel	Field Sample	N/A	1700	6/11/2001	< 0.002														UNKN 0	0	0	0	17524 2.897
IR-05437	Doon upper level	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personnel	Field Sample	N/A	831	6/11/2001	0.12														UNKN 0	0	0	0	17524 2.897
IR-05438	Wash Truck - pressure washing	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personnel	Field Sample	N/A	49	6/11/2001	0.12														UNKN 0	0	0	0	17525 2.898
IR-05439	Wash Truck - pressure washing	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personnel	Field Sample	N/A	49	6/11/2001	0.933														UNKN 0	0	0	0	17526 2.901
IR-05440	Wash Truck - pressure washing	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personnel	Field Sample	N/A	82	6/11/2001	0.111														UNKN 0	0	0	0	17529 2.902
IR-05441	Operator - Excavator, Front End Loader	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personnel	Field Sample	N/A	940	6/11/2001	0.003																		

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Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (mL) / Area (dust/cm²)	Sample Date	Fibers/CC	PCM (METHOD - NIOSH 7400)	AHERA / ASTM 5755												Total Asbestos																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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IR-05674		5000 Highway 37 N	Medical Office	SP 13	As	Outdoor	Stationary Ambient	Field Sample	N/A	1603	7/10/2001	<0.003																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											</

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1R-05681		5000 Highway 37 N	NAFII	SP 18	As	Outdoor	Stationary Ambient	Field Sample	N/A	1673	7/16/2001		< 0.002																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				



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Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (mL) Area (duet/cm²)	Sample Date	Fibers/CC	PCM (METHOD - NIOSH 7400)	AHERA / ASTM 5755																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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IR-09529	Water truck	5000 Highway 37 N	Perimeter	SP-22	Air	Outdoor	Stationary Ambient	Field Sample	N/A	1404	10/8/2001	0.004																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

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Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (air) / Area (dust/cm²)	Sample Date	Fibers/CC	PCM (METHOD NIOSH 7400)	AHERA / ASTM 5755																	
														Filter Status Non Analyzed	Poisson Concentration Confidence Interval (90% Confidence Interval on Concentration)		Libby Amphiboles (LA)				Chrysotile (C)				Other Amphiboles (OA)				Total Asbestos		
															Lower Bound	Upper Bound	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm²)	Asb conc (Air = S/cc) or (Dust = S/cm²)	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm²)	Asb conc (Air = S/cc) or (Dust = S/cm²)	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm²)	Asb conc (Air = S/cc) or (Dust = S/cm²)	Asbestos Type Identified	S<5u	S>5u
IR-12116		5000 Highway 37 N	Clean Room	SP-9	Air	Indoor	Stationary Ambient	Field Sample		NA	10/1/2001	< 0.004			0	1	0		0.00477		0				0				1	0	21386 6.179
IR-12117		5000 Highway 37 N	Property	SP-15	Air	Outdoor	Stationary Ambient	Field Sample		NA	10/1/2001	< 0.002			0	1	0		0.00477		0				0				1	0	6.184
IR-12118		5000 Highway 37 N	Clean Room	SP-17	Air	Indoor	Stationary Ambient	Field Sample		NA	10/1/2001	< 0.002			0	1	0		0.00477		0				0				1	0	21302 6.185
IR-12119		5000 Highway 37 N	Clean Room	SP-19	Air	Indoor	Stationary Ambient	Field Sample		NA	10/1/2001	< 0.002			0	1	0		0.00477		0				0				1	0	21303 6.186
IR-12120		5000 Highway 37 N	Perimeter	SP-21	Air	Outdoor	Stationary Ambient	Field Sample		NA	10/1/2001	< 0.002			0	1	0		0.00477		0				0				1	0	21304 6.187
IR-12401		5000 Highway 37 N	Perimeter	SP-22	Air	Outdoor	Stationary Ambient	Field Sample		NA	10/1/2001	< 0.003			0	1	0		0.00477		0				0				1	0	6.188
IR-12402		5000 Highway 37 N	Property	SP-32	Air	Outdoor	Stationary Ambient	Field Sample		NA	10/1/2001	< 0.002			0	1	0		0.00477		0				0				1	0	6.189
IR-12408	Water truck	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personal	Field Sample		NA	10/20/2001		overloaded																0	0	21397 6.190
IR-12409	Water truck	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personal	Field Sample		NA	10/20/2001	0.069																	0	0	21398 6.191
IR-12410	Moxy	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personal	Field Sample		NA	10/20/2001	0.013																	0	0	21399 6.192
IR-12411	Moxy	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personal	Field Sample		NA	10/20/2001	0.047																	0	0	21400 6.193
IR-12416		5000 Highway 37 N	Perimeter	SP-32	Air	Outdoor	Stationary Ambient	Field Sample		NA	10/20/2001	< 0.002																	1	0	6.199
IR-12427		5000 Highway 37 N	Clean Room	SP-9	Air	Indoor	Stationary Ambient	Field Sample		NA	10/20/2001	< 0.003																	1	0	21407 6.200
IR-12428		5000 Highway 37 N	Property	SP-10	Air	Indoor	Stationary Ambient	Field Sample		NA	10/20/2001	< 0.009																	1	0	21408 6.201
IR-12429		5000 Highway 37 N	Property	SP-17	Air	Indoor	Stationary Ambient	Field Sample		NA	10/20/2001	< 0.019																	1	0	21409 6.202
IR-12430		5000 Highway 37 N	Clean Room	SP-17	Air	Indoor	Stationary Ambient	Field Sample		NA	10/20/2001	0.008																	1	0	21410 6.203
IR-12431		5000 Highway 37 N	NAFU	SP-18	Air	Outdoor	Stationary Ambient	Field Sample		NA	10/20/2001	< 0.002																	1	0	21416 6.209
IR-12432		5000 Highway 37 N	Gate	SP-19	Air	Outdoor	Stationary Ambient	Field Sample		NA	10/20/2001	< 0.002																	1	0	21417 6.210
IR-12433		5000 Highway 37 N	Perimeter	SP-24	Air	Outdoor	Stationary Ambient	Field Sample		NA	10/20/2001	< 0.002																	1	0	6.211
IR-12434		5000 Highway 37 N	Perimeter	SP-35	Air	Outdoor	Stationary Ambient	Field Sample		NA	10/20/2001	< 0.002																	1	0	21419 6.212
IR-12435		5000 Highway 37 N	Property	SP-28	Air	Outdoor	Stationary Ambient	Field Sample		NA	10/20/2001	< 0.002																	1	0	6.213
IR-12441	Operate - Bulldozer, upper level	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personal	Field Sample		NA	10/20/2001	0.027																	2	0	21421 6.214
IR-12442	Operate - Bulldozer, upper level	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personal	Field Sample		NA	10/20/2001	0.048																	2	0	21422 6.215
IR-12443	Decom upper level	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personal	Field Sample		NA	10/20/2001	0.094																	20	0	21423 6.216
IR-12444	Decom upper level	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personal	Field Sample		NA	10/20/2001	< 0.005																	0	0	21424 6.217
IR-12447	Labor - flagger	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personal	Field Sample		NA	10/20/2001	< 0.005																	1	0	21429 6.222
IR-12448	Labor - flagger	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personal	Field Sample		NA	10/20/2001	< 0.005																	1	0	21430 6.223
IR-12449	Operate - Bulldozer, lower level	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personal	Field Sample		NA	10/20/2001	0.018																	7	0	6.224
IR-12450	Operate - Bulldozer, lower level	5000 Highway 37 N	Property	Shoulder	Air	Outdoor	Personal	Field Sample		NA	10/20/2001	0.08																	0	0	21432 6.225
IR-12452		5000 Highway 37 N	Property	SP-37	Air	Indoor	Stationary Ambient	Field Sample		NA	10/20/2001	< 0.002																	1	0	21433 6.226
IR-12465		5000 Highway 37 N	Clean Room	SP-9	Air	Indoor	Stationary Ambient	Field Sample		NA	10/20/2001	< 0.002																	1	0	21434 6.227
IR-12465		5000 Highway 37 N	Clean Room	SP-9	Air	Indoor	Stationary Ambient	Field Sample		NA	10/20/2001	0.006																	1	0	21435 6.228
IR-12466		5000 Highway 37 N	Volvo Truck	SP-11	Air	Indoor	Stationary Ambient	Field Sample		NA	10/20/2001	0.004																	1	0	21441 6.234
IR-12467		5000 Highway 37 N	Clean Room	SP-17	Air	Indoor	Stationary Ambient	Field Sample		NA	10/20/2001	0.004																	1	0	21442 6.235
IR-12468		5000 Highway 37 N	Gate	SP-19	Air	Outdoor	Stationary Ambient	Field Sample		NA	10/20/2001	< 0.002																	1	0	6.236

Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (cc=LI) Area (dust/cm²)	Sample Date	Fibers/CC	PCMS (METHOD - NIOSH 7400)	Filter Status Non Analyzed	AHERA-ASTM 5755										Total Asbestos																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
															Poisson Concentration Confidence Interval (90% Confidence Interval on Concentration)		Libby Amphiboles (LA)		Chrysotile (C)		Other Amphiboles (OA)		Asbestos Type Identified		Asb conc (Air = S/cc) or (Dust = S/cm²)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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IR-13041		5000 Highway 37 N	Class	SP-19	As	Indoor	Stationary Ambient	Field Sample	N/A	1424	11/1/2001	< 0.002																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	



Server-Database: \\204.47.48.36\Libby2

Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (mL) / Area (dust/cm²)	Sample Date	Fibers/CC	PCM (ME/1000 - NIOSH 7400)	AHERA / ASTM 5755																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
														Filter Status Non Analyzed	Poisson Concentration Confidence Interval (90% Confidence Interval on Concentration)		Libby Amphiboles (LA)				Chrysotile (C)				Other Amphiboles (OA)				Total Asbestos																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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IR-16620		200 Highway 37 N	Roadway	NAFU	At	Outdoor	Stationary	Field Sample	N/A	1375	11/1/2002																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (air/L) Area (dust/cm²)	Sample Date	Fibers/CC	PCM (MCH10D NIOSH 7400)	AHERA / ASTM 5755																		
														Filter Status Non Analyzed	Poisson Concentration Confidence Interval (90% Confidence Interval on Concentration)		Libby Amphiboles ( LA )				Chrysotile ( C )				Other Amphiboles ( OA )				Total Asbestos			
															Lower Bound	Upper Bound	S<5u	S=5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm²)	Asb conc (Air = S/cc) or (Dust = S/cm²)	S<5u	S=5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm²)	Asb conc (Air = S/cc) or (Dust = S/cm²)	S<5u	S=5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm²)	Asb conc (Air = S/cc) or (Dust = S/cm²)	Asbestos Type Identified	S<5u	S=5u	Asb conc (Air = S/cc) or (Dust = S/cm²)
1R-30453		Highway 37 N (W side Property)	Property	Hwy 37 perimeter (near decon trailer)	Air	Outdoor	Stationary	Field Sample	N/A	583	6/2/2005				0	0	0.00508	< 0.00508	0	0	0.00508	< 0.00508	0	0	0.00508	< 0.00508	0	0	< 0.00510	108355		
1R-30454		Highway 37 N (W side Property)	Property	Hwy 37 perimeter (near decon pad)	Air	Outdoor	Stationary	Field Sample	N/A	583	6/2/2005				0	0	0.00508	< 0.00508	0	0	0.00508	< 0.00508	0	0	0.00508	< 0.00508	0	0	< 0.00510	108356		
1R-30455		Highway 37 N (W side Property)	Property	S perimeter	Air	Outdoor	Stationary	Field Sample	N/A	583	6/2/2005				0	0	0.00508	< 0.00508	0	0	0.00508	< 0.00508	0	0	0.00508	< 0.00508	0	0	< 0.00510	108357		
1R-30457		Highway 37 N (W side Property)	Property	N perimeter	Air	Outdoor	Stationary	Field Sample	N/A	1583	6/2/2005				0	0	0.00467	< 0.00467	0	0	0.00467	< 0.00467	0	0	0.00467	< 0.00467	0	0	< 0.00470	108358		
1R-30458		Highway 37 N (W side Property)	Property	Along Hwy 37 near decon trailer	Air	Outdoor	Stationary	Field Sample	N/A	1581	6/2/2005				0	0	0.00468	< 0.00468	0	0	0.00468	< 0.00468	0	0	0.00468	< 0.00468	0	0	< 0.00470	108359		
1R-30459		Highway 37 N (W side Property)	Property	Along Hwy 37 (near decon pad)	Air	Outdoor	Stationary	Field Sample	N/A	1574	6/2/2005				0	0	0.00470	< 0.00470	0	0	0.00470	< 0.00470	0	0	0.00470	< 0.00470	0	0	< 0.00470	108361		
1R-30460		Highway 37 N (W side Property)	Property	S perimeter	Air	Outdoor	Stationary	Field Sample	N/A	1593	6/2/2005				0	0	0.00463	< 0.00463	0	0	0.00463	< 0.00463	0	0	0.00463	< 0.00463	0	0	< 0.00460	108362		
1R-30462	Excavator Operator	Highway 37 N (W side Property)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	60	6/3/2005		0.049																		107243	
1R-30463	Excavator Operator	Highway 37 N (W side Property)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	116	6/3/2005		< 0.015																		107244	
1R-30464	Excavator Operator	Highway 37 N (W side Property)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	235	6/3/2005		0.016																		107245	
1R-30465	Water Hose Operator	Highway 37 N (W side Property)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	67	6/3/2005		< 0.04																		107246	
1R-30466	Water Hose Operator	Highway 37 N (W side Property)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	100	6/3/2005		0.028																		107247	
1R-30467	Water Hose Operator	Highway 37 N (W side Property)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	269	6/3/2005		< 0.01																		107248	
1R-30468		Highway 37 N (W side Property)	Property	S perimeter	Air	Outdoor	Stationary	Field Sample	N/A	1593	6/2/2005					0	0	0.00464	< 0.00464	0	0	0.00464	< 0.00464	0	0	0.00464	< 0.00464	0	0	< 0.00460	108364	
1R-30729		Highway 37 N (W side Property)	Property	Highway 37 (near decon trailer)	Air	Outdoor	Stationary	Field Sample	N/A	1593	6/2/2005					0	0	0.00463	< 0.00463	0	0	0.00463	< 0.00463	0	0	0.00463	< 0.00463	0	0	< 0.00460	108426	
1R-30730		Highway 37 N (W side Property)	Property	Highway 37 (near decon pad)	Air	Outdoor	Stationary	Field Sample	N/A	1605	6/2/2005					0	0	0.00461	< 0.00461	0	0	0.00461	< 0.00461	0	0	0.00461	< 0.00461	0	0	< 0.00460	108427	
1R-30731		Highway 37 N (W side Property)	Property	N perimeter	Air	Outdoor	Stationary	Field Sample	N/A	1593	6/2/2005					0	0	0.00463	< 0.00463	0	0	0.00463	< 0.00463	0	0	0.00463	< 0.00463	0	0	< 0.00460	108428	
1R-30733	Excavator Operator	Highway 37 N (W side Property)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	60	6/2/2005		< 0.045																		107522	
1R-30734	Excavator Operator	Highway 37 N (W side Property)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	174	6/2/2005		< 0.015																		107523	
1R-30735	Excavator Operator	Highway 37 N (W side Property)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	238	6/2/2005		0.013																		107524	
1R-30736	Water Hose Operator	Highway 37 N (W side Property)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	56	6/2/2005		< 0.048																		107525	
1R-30737	Water Hose Operator	Highway 37 N (W side Property)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	174	6/2/2005		< 0.015																		107526	
1R-30738	Water Hose Operator	Highway 37 N (W side Property)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	237	6/2/2005		0.018																		107527	
1R-30739		Highway 37 N (W side Property)	Property	S perimeter	Air	Outdoor	Stationary	Field Sample	N/A	1561	6/7/2005					0	0	0.00474	< 0.00474	0	0	0.00474	< 0.00474	0	0	0.00474	< 0.00474	0	0	< 0.00470	108430	
1R-30740		Highway 37 N (W side Property)	Property	Along Hwy 37 (near decon trailer)	Air	Outdoor	Stationary	Field Sample	N/A	1564	6/7/2005					0	0	0.00473	< 0.00473	0	0	0.00473	< 0.00473	0	0	0.00473	< 0.00473	0	0	< 0.00470	108431	
1R-30741		Highway 37 N (W side Property)	Property	Along Hwy 37 (near decon pad)	Air	Outdoor	Stationary	Field Sample	N/A	1574	6/7/2005					0	0	0.00470	< 0.00470	0	0	0.00470	< 0.00470	0	0	0.00470	< 0.00470	0	0	< 0.00470	108433	
1R-30742		Highway 37 N (W side Property)	Property	N perimeter	Air	Outdoor	Stationary	Field Sample	N/A	1571	6/7/2005					0	0	0.00471	< 0.00471	0	0	0.00471	< 0.00471	0	0	0.00471	< 0.00471	0	0	< 0.00470	108434	
1R-30743		Highway 37 N (W side Property)	Property	Clean room-decon trailer	Air	Outdoor	Stationary	Field Sample	N/A	1581	6/7/2005					0	0	0.00474	< 0.00474	0	0	0.00474	< 0.00474	0	0	0.00474	< 0.00474	0	0	< 0.00470	108435	
1R-30745	Excavator Operator	Highway 37 N (W side Property)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	62	6/7/2005		< 0.043																		107570	
1R-30746	Excavator Operator	Highway 37 N (W side Property)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	213	6/7/2005		< 0.013																		107571	
1R-30747	Water Hose Operator																															

Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre-Post Class	Vol (air=LU Area (duallpm <sup>2</sup> ))	Sample Date	Fibers/CC	PCM (METHOD - NIOSH 7480)	AHERA / ASTM 5755												Asbestos Type Identified	Total Asbestos		Asb conc (Air = S/cc) or (Dust = S/cm <sup>3</sup> )			
														Polonium Concentration Confidence Interval (90% Confidence Interval on Concentration)		Libby Amphiboles (LA)				Chrysotile (C)				Other Amphiboles (OA)				S<5u		S>5u	Asb conc (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	
														Lower Bound	Upper Bound	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>3</sup> )									
1R-30851		Highway 37 N (Wise Property)	Property	Hay 37 (new N gate)	As	Outdoor	Stationary	Field Sample	N/A	1603	6/15/2005			0	0	0.00162	< 0.00462	0	0	0.00462	< 0.00462	0	0	0.00162	< 0.00462	0	0	< 0.00460	103505			
1R-30855		Highway 37 N (Wise Property)	Property	Hay 37 (new N gate)	As	Outdoor	Stationary	Field Sample	N/A	1605	6/15/2005			0	0	0.00161	< 0.00461	0	0	0.00461	< 0.00461	0	0	0.00161	< 0.00461	0	0	< 0.00460	103506			
1R-30856		Highway 37 N (Wise Property)	Property	S perimeter	As	Outdoor	Stationary	Field Sample	N/A	1603	6/15/2005			0	0	0.00161	< 0.00461	0	0	0.00461	< 0.00461	0	0	0.00161	< 0.00461	0	0	< 0.00460	103507			
1R-30892		Highway 37 N (Wise Property)	Property	N perimeter	As	Outdoor	Stationary	Field Sample	N/A	1238	6/16/2005			0	0	0.00436	< 0.00436	0	0	0.00436	< 0.00436	0	0	0.00436	< 0.00436	0	0	< 0.00440	103972			
1R-30893		Highway 37 N (Wise Property)	Property	Hay 37 (N gate)	As	Outdoor	Stationary	Field Sample	N/A	1255	6/16/2005			0	1	0.00437	0.00437	0	0	0.00437	< 0.00437	0	0	0.00437	< 0.00437	0	1	0.00437	103973			
1R-30894		Highway 37 N (Wise Property)	Property	Hay 37 (S gate)	As	Outdoor	Stationary	Field Sample	N/A	1375	6/16/2005			0	0	0.00431	< 0.00431	0	0	0.00431	< 0.00431	0	0	0.00431	< 0.00431	0	0	< 0.00430	103974			
1R-30895		Highway 37 N (Wise Property)	Property	S perimeter	As	Outdoor	Stationary	Field Sample	N/A	1286	6/16/2005			0	0	0.00427	< 0.00427	0	0	0.00427	< 0.00427	0	0	0.00427	< 0.00427	0	0	< 0.00430	103975			
1R-30896		Highway 37 N (Wise Property)	Property	N perimeter	As	Outdoor	Stationary	Field Sample	N/A	1471	6/17/2005			0	0	0.00403	< 0.00403	0	0	0.00403	< 0.00403	0	0	0.00403	< 0.00403	0	0	< 0.00400	103976			
1R-30899		Highway 37 N (Wise Property)	Property	Hay 37 (N gate)	As	Outdoor	Stationary	Field Sample	N/A	1468	6/17/2005			0	0	0.00403	< 0.00403	0	0	0.00403	< 0.00403	0	0	0.00403	< 0.00403	0	0	< 0.00400	103977			
1R-30900		Highway 37 N (Wise Property)	Property	Hay 37 (S gate)	As	Outdoor	Stationary	Field Sample	N/A	1468	6/17/2005			0	0	0.00403	< 0.00403	0	0	0.00403	< 0.00403	0	0	0.00403	< 0.00403	0	0	< 0.00400	103978			
1R-30901		Highway 37 N (Wise Property)	Property	S perimeter	As	Outdoor	Stationary	Field Sample	N/A	1475	6/17/2005			0	0	0.00402	< 0.00402	0	0	0.00402	< 0.00402	0	0	0.00402	< 0.00402	0	0	< 0.00400	103979			
1-02122	Soil Sampling	KDC Bluffs	Property	Shoulder	As	Outdoor	Personal	Field Sample	N/A	57	7/21/2001	< 0.032																	13651	3984		
1-02123	Soil Sampling	KDC Bluffs	Property	Shoulder	As	Outdoor	Personal	Field Sample	N/A	519	7/23/2001	0.011																	13652	3985		
1-02124	Soil Sampling	KDC Bluffs	Property	Shoulder	As	Outdoor	Personal	Field Sample	N/A	63	7/23/2001	0.047																	13663	3986		
1-02127	Collecting Soil Samples	KDC Bluffs	Property	Shoulder	As	Outdoor	Personal	Field Sample	N/A	641	7/24/2001	0.023																	13666	3987		
1-02128	Collecting Soil Samples	KDC Bluffs	Property	Shoulder	As	Outdoor	Personal	Field Sample	N/A	83	7/24/2001	< 0.032																	13667	3988		
1-02130	Excavate soil for soil sampling	KDC Bluffs	Property	Shoulder	As	Outdoor	Personal	Field Sample	N/A	716	7/24/2001	0.021																	13669	3989		
1-02131	Excavate soil for soil sampling	KDC Bluffs	Property	Shoulder	As	Outdoor	Personal	Field Sample	N/A	83	7/24/2001	< 0.032																	13670	3990		
1-02133	Soil Sampling	KDC Bluffs	Property	Shoulder	As	Outdoor	Personal	Field Sample	N/A	946	7/24/2001	0.011																	13872	27720		
1-02134	Soil Sampling	KDC Bluffs	Property	Shoulder	As	Outdoor	Personal	Field Sample	N/A	94	7/24/2001	< 0.029																	13873	3992		
1R-07604		KDC Bluffs	Property	T1 Trench North Side	As	Outdoor	Stationary Ambient	Field Sample	N/A	1231	8/9/2001	< 0.002																	15687	3993		
1R-07605		KDC Bluffs	Property	T1 Trench South Side	As	Outdoor	Stationary Ambient	Field Sample	N/A	1231	8/9/2001	< 0.002																	15688	3994		
1R-07607	Operate - Backhoe	KDC Bluffs	Property	Shoulder	As	Outdoor	Personal	Field Sample	N/A	58	8/9/2001	< 0.048																	15689	3995		
1R-07609	Trench digger	KDC Bluffs	Property	Shoulder	As	Outdoor	Personal	Field Sample	N/A	58	8/9/2001	< 0.048																	15690	3996		
1R-07613		KDC Bluffs	Property	T1 Trench North Side	As	Outdoor	Stationary Ambient	Field Sample	N/A	1515	8/10/2001	< 0.002																	15692	3997		
1R-07614		KDC Bluffs	Property	T2 Trench South Side	As	Outdoor	Stationary Ambient	Field Sample	N/A	1521	8/10/2001	< 0.002																	15694	3998		
1R-07617	Operate - Backhoe - John Deere (310D)	KDC Bluffs	Property	Shoulder	As	Outdoor	Personal	Field Sample	N/A	327	8/10/2001	< 0.008																	15699	3999		
1R-07618	Labor - water hose	KDC Bluffs	Property	Shoulder	As	Outdoor	Personal	Field Sample	N/A	332	8/10/2001	0.028																	15699	4000		
1R-07621		KDC Bluffs	Property	FC 1 Trench East side of street	As	Outdoor	Stationary	Field Sample	Clear	1351	8/10/2001	< 0.002																	15699	4001		
1R-07622		KDC Bluffs	Property	FC-2 West Side of street	As	Outdoor	Stationary	Field Sample	Clear	1404	8/10/2001	< 0.002																	15699	4002		
1R-07627	Operate - Backhoe - John Deere (310D)	KDC Bluffs	Property	Shoulder	As	Outdoor	Personal	Field Sample	N/A	470	8/13/2001	< 0.006																	15681	4003		
1R-07628	Labor - fence installation	KDC Bluffs	Property	Shoulder	As	Outdoor	Personal	Field Sample	N/A	467	8/13/2001	0.019																	15682	4004		
1R-07629		KDC Bluffs	Property	B-A1	As	Outdoor	Stationary Ambient	Field Sample	N/A	1273	8/td																					

Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (air=1) Area (dust=room)	Sample Date	Fibers/CC	PCM (METHOD - NIOSH 7400)	AHERA / ASTM 5755																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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1R-07688	Operator - Excavator - Hitachi 225	KDC Bufile	Property	B-AU	Air	Outdoor	Stationary Ambient	Field Sample	N/A	17.7	8/21/2001	0.002																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															</

Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post	Vol (air=1)/ Area (dust=cm)	Sample Date	Fibers/CC	PCM (METHOD - NIOSH 7400)	AHERA / ASTM 5755																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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IR-03379		KDC Bufts	Property	B-A1	As	Indoor	Stationary Ambient	Field Sample	N/A	10.1	9/7/2001	< 0.002																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

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Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (air/L) Area (dust/cm²)	Sample Date	Fibers/CC	PCAI (METHOD - NIOSH 7400)	ASBESTOS / ASTM 5755																	
														Filter Status Non Analyzed	Poisson Concentration Confidence Interval (90% Confidence Interval on Concentration)		Libby Amphiboles (LA)		Chrysotile (C)		Other Amphiboles (OA)		Total Asbestos								
															Lower Bound	Upper Bound	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm²)	Asb conc (Air = S/cc) or (Dust = S/cm²)	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm²)	Asb conc (Air = S/cc) or (Dust = S/cm²)	Asbestos Type Identified	S<5u	S>5u	Asb conc (Air = S/cc) or (Dust = S/cm²)			
IR-09272	KDC Flyway	Property	F-3	Outdoor	Stationary Perimeter	Field Sample	Field Sample	Field Sample	NA	1912	9/13/2001	0.005														UNKN	0	0	< 0.00493	21414	6207
IR-09275	KDC Flyway	Property	FA-1	Outdoor	Stationary Ambient	Field Sample	Field Sample	Field Sample	NA	1915	9/13/2001	0.003														UNKN	0	0	< 0.00492	21415	6208
IR-09276	KDC Flyway	Property	F-3	Outdoor	Stationary	Field Sample	Field Sample	Field Sample	NA	1917	9/13/2001	0.003														UNKN	0	0	< 0.00445	21425	6218
IR-09277	KDC Flyway	Property	FA-1	Outdoor	Stationary Ambient	Field Sample	Field Sample	Field Sample	NA	1919	9/13/2001	0.003														UNKN	0	0	< 0.00492	21426	6219
IR-09304	KDC Flyway	Property	FA-1	Outdoor	Stationary Ambient	Field Sample	Field Sample	Field Sample	NA	1918	9/14/2001	0.002														UNKN	0	0	< 0.00409	21427	6220
IR-09305	KDC Flyway	Property	FA-2	Outdoor	Stationary Ambient	Field Sample	Field Sample	Field Sample	NA	1920	9/14/2001	0.003														UNKN	0	0	< 0.00419	21428	6221
IR-09306	KDC Flyway	Property	F-3	Outdoor	Stationary	Field Sample	Field Sample	Field Sample	NA	1922	9/14/2001	0.002														UNKN	0	0	< 0.00411	21436	6229
IR-09307	KDC Flyway	Property	F-4	Outdoor	Stationary Perimeter	Field Sample	Field Sample	Field Sample	NA	1922	9/14/2001	< 0.002														UNKN	0	0	< 0.00411	21437	6230
IR-09308	KDC Flyway	Property	F-5	Outdoor	Stationary Perimeter	Field Sample	Field Sample	Field Sample	NA	1923	9/14/2001	0.002														UNKN	0	0	< 0.00414	21438	6231
IR-09316	KDC Flyway	Property	FA-2	Outdoor	Stationary Ambient	Field Sample	Field Sample	Field Sample	NA	1923	9/15/2001	0.005														UNKN	0	0	< 0.00457	21439	6232
IR-09328	KDC Flyway	Property	FA-1	Outdoor	Stationary Ambient	Field Sample	Field Sample	Field Sample	NA	1921	9/15/2001	< 0.002														UNKN	0	0	< 0.00418	21440	6233
IR-09334	KDC Flyway	Property	F-3	Outdoor	Stationary	Field Sample	Field Sample	Field Sample	NA	1921	9/15/2001	< 0.002														UNKN	0	2	0.00801	21450	6243
IR-09335	KDC Flyway	Property	F-4	Outdoor	Stationary Perimeter	Field Sample	Field Sample	Field Sample	NA	1923	9/15/2001	0.002														UNKN	0	0	< 0.00401	21451	6244
IR-09337	KDC Flyway	Property	F-5	Outdoor	Stationary Perimeter	Field Sample	Field Sample	Field Sample	NA	1923	9/15/2001	< 0.002														UNKN	0	0	< 0.00401	21452	6245
IR-09349	KDC Flyway	Property	FA-1	Outdoor	Stationary Ambient	Field Sample	Field Sample	Field Sample	NA	1927	9/15/2001	< 0.002														UNKN	0	0	< 0.00493	21453	6246
IR-09350	KDC Flyway	Property	FA-2	Outdoor	Stationary Ambient	Field Sample	Field Sample	Field Sample	NA	1926	9/17/2001	0.005														UNKN	0	0	< 0.00461	21462	6255
IR-09351	KDC Flyway	Property	F-4	Outdoor	Stationary	Field Sample	Field Sample	Field Sample	NA	1920	9/17/2001	0.003														UNKN	0	0	< 0.00407	21453	6256
IR-09352	KDC Flyway	Property	F-4	Outdoor	Stationary Perimeter	Field Sample	Field Sample	Field Sample	NA	1929	9/17/2001	0.008														UNKN	0	0	< 0.00412	21464	6257
IR-09353	KDC Flyway	Property	F-5	Outdoor	Stationary Perimeter	Field Sample	Field Sample	Field Sample	NA	1932	9/17/2001	0.007														UNKN	0	0	< 0.00411	21467	6260
IR-09362	KDC Flyway	Property	FA-1	Outdoor	Stationary Ambient	Field Sample	Field Sample	Field Sample	NA	1938	9/22/2001	0.007														UNKN	2	0	< 0.00972	21468	6261
IR-09363	KDC Flyway	Property	FA-2	Outdoor	Stationary Ambient	Field Sample	Field Sample	Field Sample	NA	1933	9/22/2001	0.003														UNKN	0	0	< 0.00404	21469	6262
IR-09364	KDC Flyway	Property	F-3	Outdoor	Stationary	Field Sample	Field Sample	Field Sample	NA	1939	9/22/2001	0.004														UNKN	0	1	0.00404	21470	6263
IR-09365	KDC Flyway	Property	F-4	Outdoor	Stationary Perimeter	Field Sample	Field Sample	Field Sample	NA	1933	9/22/2001	0.006														UNKN	0	0	< 0.00401	21471	6264
IR-09366	KDC Flyway	Property	F-5	Outdoor	Stationary Perimeter	Field Sample	Field Sample	Field Sample	NA	1936	9/22/2001	0.002														UNKN	0	0	< 0.00408	21472	6265
IR-09408	KDC Flyway	Property	FA-1	Outdoor	Stationary Ambient	Field Sample	Field Sample	Field Sample	NA	1936	9/24/2001	< 0.002														UNKN	0	0	< 0.00490	21475	6266
IR-09409	KDC Flyway	Property	FA-2	Outdoor	Stationary Ambient	Field Sample	Field Sample	Field Sample	NA	1933	9/24/2001	< 0.002														UNKN	0	0	< 0.00409	21476	6269
IR-09410	KDC Flyway	Property	F-3	Outdoor	Stationary	Field Sample	Field Sample	Field Sample	NA	1937	9/24/2001	0.003														UNKN	0	0	< 0.00479	21477	6270
IR-09411	KDC Flyway	Property	F-4	Outdoor	Stationary Perimeter	Field Sample	Field Sample	Field Sample	NA	1917	9/24/2001	0.003														UNKN	0	0	< 0.00493	21485	6278
IR-09412	KDC Flyway	Property	F-5	Outdoor	Stationary Perimeter	Field Sample	Field Sample	Field Sample	NA	1942	9/24/2001	< 0.002														UNKN	0	0	< 0.00484	21486	6279
IR-09430	KDC Flyway	Property	F-3	Outdoor	Stationary	Field Sample	Field Sample	Field Sample	NA	1929	9/25/2001	0.005														UNKN	0	0	< 0.00418	21487	6280
IR-09435	KDC Flyway	Property	FA-1	Outdoor	Stationary Ambient	Field Sample	Field Sample	Field Sample	NA	1934	9/25/2001	0.003														UNKN	0	0	< 0.00456	21488	6281
IR-09436	KDC Flyway	Property	FA-2	Outdoor	Stationary Ambient	Field Sample	Field Sample	Field Sample	NA	1935	9/25/2001	0.007														UNKN	0	0	< 0.00480	21489	6282
IR-09437	KDC Flyway	Property	F-3	Outdoor	Stationary Perimeter	Field Sample	Field Sample	Field Sample	NA	1937	9/25/2001	0.002														UNKN	0	0	< 0.00407	21490	6283
IR-																															

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Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (mL) / Area (ducm <sup>2</sup> )	Sample Date	Fibers/CC	PCM (METHOD NIOSH 7400)	AHERA / ASTM 5755												Asbestos Type Identified	Total Asbestos		Asb conc (Air = S/cc) or (Dust = S/cm <sup>3</sup> )
														Poisson Concentration Confidence Interval (90% Confidence Interval on Concentration)		Libby Amphiboles (LA)			Chrysotile (C)			Other Amphiboles (OA)							
														Lower Bound	Upper Bound	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	S<5u	S>5u		Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	
IR-13511		KDC Flyway	Property	F-11	As	Outdoor	Stationary Perimeter	Field Sample			11/13/2001	0.003			0	1	0.00280	0.00401			0.00050				0	1	0.00401	35575	
IR-13513		KDC Flyway	Property	F-7	As	Outdoor	Stationary Perimeter	Field Sample			11/13/2001	< 0.002													0	0	< 0.00497	35516	
IR-13514		KDC Flyway	Property	F-10	As	Outdoor	Stationary Perimeter	Field Sample			11/13/2001	< 0.002													0	0	< 0.00497	35660	
IR-13521		KDC Flyway	Property	FA-1	As	Outdoor	Stationary Ambient	Field Sample			11/13/2001	< 0.002													0	0	< 0.00499	35661	
IR-13528		KDC Flyway	Property	F-1	As	Outdoor	Stationary Perimeter	Field Sample			11/14/2001	< 0.002													0	0	< 0.00425	35608	
IR-13533		KDC Flyway	Property	F-6	As	Outdoor	Stationary Perimeter	Field Sample			11/14/2001			overloaded											0	0		72393	
IR-13534		KDC Flyway	Property	F-9	As	Outdoor	Stationary Perimeter	Field Sample			11/14/2001			overloaded											0	0		36455	
IR-13535		KDC Flyway	Property	F-10	As	Outdoor	Stationary Perimeter	Field Sample			11/14/2001	< 0.002													0	0	< 0.00404	37012	
IR-13536		KDC Flyway	Property	F-11	As	Outdoor	Stationary Perimeter	Field Sample			11/14/2001	< 0.002													0	0	< 0.00403	37013	
IR-13537		KDC Flyway	Property	F-12	As	Outdoor	Stationary Perimeter	Field Sample			11/14/2001	< 0.002													0	0	< 0.00496	35145	
IR-13538		KDC Flyway	Property	FA-1	As	Outdoor	Stationary Ambient	Field Sample			11/14/2001	< 0.002													0	0	< 0.00485	36471	
IR-13553		KDC Flyway	Property	F-1	As	Outdoor	Stationary Perimeter	Field Sample			11/15/2001	< 0.002													0	0	< 0.00484	36472	
IR-13558		KDC Flyway	Property	F-9	As	Outdoor	Stationary Perimeter	Field Sample			11/15/2001	0.002													0	0	< 0.00483	36473	
IR-13559		KDC Flyway	Property	F-10	As	Outdoor	Stationary Perimeter	Field Sample			11/15/2001	0.004													0	0	< 0.00402	36474	
IR-13560		KDC Flyway	Property	F-6	As	Outdoor	Stationary Perimeter	Field Sample			11/15/2001														0	0	< 0.00407	35829	
IR-13561		KDC Flyway	Property	F-11	As	Outdoor	Stationary Perimeter	Field Sample			11/15/2001	< 0.002													0	0	< 0.00470	36487	
IR-13562		KDC Flyway	Property	F-12	As	Outdoor	Stationary Perimeter	Field Sample			11/15/2001	< 0.002													0	0	< 0.00481	36488	
IR-13563		KDC Flyway	Property	FA-1	As	Outdoor	Stationary Ambient	Field Sample			11/15/2001	< 0.002													0	0	< 0.00481	36489	
IR-13575		KDC Flyway	Property	F-9	As	Outdoor	Stationary Perimeter	Field Sample			11/16/2001			overloaded											0	0		36490	
IR-13576		KDC Flyway	Property	F-10	As	Outdoor	Stationary Perimeter	Field Sample			11/16/2001														0	0	< 0.00481	36491	
IR-13577		KDC Flyway	Property	F-6	As	Outdoor	Stationary Perimeter	Field Sample			11/16/2001														0	0	< 0.00481	36492	
IR-13578		KDC Flyway	Property	F-11	As	Outdoor	Stationary Perimeter	Field Sample			11/16/2001														0	0	< 0.00481	36493	
IR-13579		KDC Flyway	Property	F-12	As	Outdoor	Stationary Perimeter	Field Sample			11/16/2001														0	0	< 0.00481	36494	
IR-13580		KDC Flyway	Property	FA-1	As	Outdoor	Stationary Ambient	Field Sample			11/16/2001														0	0	< 0.00481	36495	
IR-13583		KDC Flyway	Property	F-1	As	Outdoor	Stationary Perimeter	Field Sample			11/16/2001	< 0.002													0	0	< 0.00481	36496	
IR-13587		KDC Flyway	Property	F-9	As	Outdoor	Stationary Perimeter	Field Sample			11/16/2001	< 0.002													0	0	< 0.00481	36497	
IR-13588		KDC Flyway	Property	F-10	As	Outdoor	Stationary Perimeter	Field Sample			11/16/2001	< 0.002													0	0	< 0.00481	36498	
IR-13591		KDC Flyway	Property	FA-1	As	Outdoor	Stationary Ambient	Field Sample			11/16/2001	< 0.002													0	0	< 0.00481	36499	
IR-13592		KDC Flyway	Property	F-6	As	Outdoor	Stationary Perimeter	Field Sample			11/16/2001	< 0.002													0	0	< 0.00481	36500	
IR-13593		KDC Flyway	Property	F-11	As	Outdoor	Stationary Perimeter	Field Sample			11/16/2001	< 0.002													0	0	< 0.00481	36501	
IR-13595		KDC Flyway	Property	F-12	As	Outdoor	Stationary Perimeter	Field Sample			11/16/2001	< 0.002													0	0	< 0.00481	36502	
IR-13596		KDC Flyway	Property	F-9	As	Outdoor	Stationary Perimeter	Field Sample			11/16/2001	< 0.002													0	0	< 0.00481	36503	
IR-13597		KDC Flyway	Property	F-10	As	Outdoor	Stationary Perimeter	Field Sample			11/16/2001	< 0.002													0	0	< 0.00481	36504	
IR-13598		KDC Flyway	Property	F-6	As	Outdoor	Stationary Perimeter	Field Sample			11/16/2001	< 0.002													0	0	< 0.00481	36505	
IR-13599		KDC Flyway	Property	F-11	As	Outdoor	Stationary Perimeter	Field Sample			11/16/2001	< 0.002													0	0	< 0.00481	36506	
IR-13600		KDC Flyway	Property	F-12	As	Outdoor	Stationary Perimeter	Field Sample			11/16/2001	< 0.002													0	0	< 0.00481	36507	
IR-13601		KDC Flyway	Property	FA-1	As	Outdoor	Stationary Ambient	Field Sample			11/16/2001	< 0.002													0	0	< 0.00481	36508	
IR-13602		KDC Flyway	Property	F-9	As	Outdoor	Stationary Perimeter	Field Sample			11/16/2001	< 0.002													0	0	< 0.00481	36509	
IR-13603		KDC Flyway	Property	F-10	As	Outdoor	Stationary Perimeter																						



Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (air/L) Area (dustr/cm <sup>2</sup> )	Sample Date	Fibers/CC	PCM (METHOD NIOSH 7400)	AHERA - ASTM 5755																			
														Filter Status Analyzed	Polysion Concentration Confidence Interval (90% Confidence Interval on Concentration)		Libby Amphiboles (LA)		Chrysotile (C)		Other Amphiboles (OA)		Total Asbestos										
															Lower Bound	Upper Bound	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	S<5u	S>5u	Asbestos Type Identified	S<5u	S>5u	Asb conc (Air = S/cc) or (Dust = S/cm <sup>3</sup> )			
1R-13920		KDC Flyway	Property	FA-1	Air	Outdoor	Stationary Ambient	Field Sample				3/10/2002	< 0.002	0.00452		1	0	0.00452	0.00452		0.00452		0.00452		0.00452		0.00452		0.00452		0.00452		0.00452
1R-13943		KDC Flyway	Property	FA-1	Air	Outdoor	Stationary Ambient	Field Sample				3/10/2002	< 0.002	0.00463				0.00463	0.00463		0.00463		0.00463		0.00463		0.00463		0.00463		0.00463		0.00463
1R-13946		KDC Flyway	Property	FA-1	Air	Outdoor	Stationary Ambient	Field Sample				3/10/2002	< 0.002	0.00486				0.00486	0.00486		0.00486		0.00486		0.00486		0.00486		0.00486		0.00486		0.00486
1R-13949		KDC Flyway	Property	FA-1	Air	Outdoor	Stationary Ambient	Field Sample				3/10/2002	< 0.002	0.00412				0.00412	0.00412		0.00412		0.00412		0.00412		0.00412		0.00412		0.00412		0.00412
1R-13957		KDC Flyway	Property	FA-1	Air	Outdoor	Stationary Ambient	Field Sample				3/10/2002	< 0.002	0.00460				0.00460	0.00460		0.00460		0.00460		0.00460		0.00460		0.00460		0.00460		0.00460
1R-14041		KDC Flyway	Property	FA-1	Air	Outdoor	Stationary Ambient	Field Sample				3/10/2002	< 0.002	0.00481				0.00481	0.00481		0.00481		0.00481		0.00481		0.00481		0.00481		0.00481		0.00481
1R-14146		KDC Flyway	Property	FA-1	Air	Outdoor	Stationary Ambient	Field Sample				3/10/2002	< 0.003	0.00447				0.00447	0.00447		0.00447		0.00447		0.00447		0.00447		0.00447		0.00447		0.00447
1R-14157		KDC Flyway	Property	FA-1	Air	Outdoor	Stationary Ambient	Field Sample				3/10/2002	< 0.002	0.00495				0.00495	0.00495		0.00495		0.00495		0.00495		0.00495		0.00495		0.00495		0.00495
1R-14161		KDC Flyway	Property	FA-1	Air	Outdoor	Stationary Ambient	Field Sample				3/10/2002	< 0.002	0.00452				0.00452	0.00452		0.00452		0.00452		0.00452		0.00452		0.00452		0.00452		0.00452
1R-14211	Laying Curbs	KDC Flyway	Road	Shoulder	Air	Outdoor	Personal	Field Sample				7/27/2002	0.023	Overloaded		13	4	0.06626	1.12646	0.06626	0.06626		0.06626		0.06626		0.06626		0.06626		0.06626		0.06626
1R-14211	Laying Curbs	KDC Flyway	Road	Shoulder	Air	Outdoor	Personal	Field Sample				7/27/2002	< 0.056	Overloaded				0.06218	0.06218	0.06218	0.06218		0.06218		0.06218		0.06218		0.06218		0.06218		0.06218
1R-14212	Laying Curbs	KDC Flyway	Road	Shoulder	Air	Outdoor	Personal	Field Sample				7/27/2002	0.051	Overloaded		55	35	0.00422	0.36020	0.00422	0.00422		0.00422		0.00422		0.00422		0.00422		0.00422		0.00422
1R-14215	Laying Curbs	KDC Flyway	Property	Shoulder	Air	Outdoor	Personal	Field Sample				7/27/2002	0.147	Overloaded		12	6	0.00815	0.14678	0.00815	0.00815		0.00815		0.00815		0.00815		0.00815		0.00815		0.00815
1R-14216	Laying Curbs	KDC Flyway	Property	Shoulder	Air	Outdoor	Personal	Field Sample				7/27/2002	0.083	Overloaded		4	3	0.05969	0.41763	0.05969	0.05969		0.05969		0.05969		0.05969		0.05969		0.05969		0.05969
1R-14217	Laying Curbs	KDC Flyway	Property	Shoulder	Air	Outdoor	Personal	Field Sample				7/27/2002	0.083	Overloaded		5	11	0.00814	0.13020	0.00814	0.00814		0.00814		0.00814		0.00814		0.00814		0.00814		0.00814
1R-14218	Laying Curbs	KDC Flyway	Property	Shoulder	Air	Outdoor	Personal	Field Sample				7/27/2002	0.169	Overloaded		9	6	0.01571	0.23562	0.01571	0.01571		0.01571		0.01571		0.01571		0.01571		0.01571		0.01571
1R-14218	Laying Curbs	KDC Flyway	Property	Shoulder	Air	Outdoor	Personal	Field Sample				7/27/2002	0.118	Overloaded		2	1	0.00509	0.17937	0.00509	0.00509		0.00509		0.00509		0.00509		0.00509		0.00509		0.00509
1R-14219	Laying Curbs	KDC Flyway	Property	Shoulder	Air	Outdoor	Personal	Field Sample				7/27/2002	0.055	Overloaded		8	1	0.01605	0.14441	0.01605	0.01605		0.01605		0.01605		0.01605		0.01605		0.01605		0.01605
1R-14381		KDC Flyway	Property	FA-1	Air	Outdoor	Stationary	Field Sample				8/1/2002	< 0.002	0.00496				0.00496	0.00496		0.00496		0.00496		0.00496		0.00496		0.00496		0.00496		0.00496
1R-14631		KDC Flyway	Property	FA-1	Air	Outdoor	Stationary	Field Sample				8/1/2002	0.012	0.00455				0.00455	0.00455		0.00455		0.00455		0.00455		0.00455		0.00455		0.00455		0.00455
1R-14632		KDC Flyway	Property	FA-1	Air	Outdoor	Stationary	Field Sample				8/1/2002	0.027	0.00468				0.00468	0.00468		0.00468		0.00468		0.00468		0.00468		0.00468		0.00468		0.00468
1R-14680		KDC Flyway	Property	FA-1	Air	Outdoor	Stationary	Field Sample				8/1/2002	< 0.002	0.00442				0.00442	0.00442		0.00442		0.00442		0.00442		0.00442		0.00442		0.00442		0.00442
1R-14781		KDC Flyway	Property	FA-1	Air	Outdoor	Stationary	Field Sample				8/1/2002	< 0.002	0.00439				0.00439	0.00439		0.00439		0.00439		0.00439		0.00439		0.00439		0.00439		0.00439
1R-14797		KDC Flyway	Property	FA-1	Air	Outdoor	Stationary	Field Sample				8/1/2002	< 0.002	0.00404				0.00404	0.00404		0.00404		0.00404		0.00404		0.00404		0.00404		0.00404		0.00404
1R-14858		KDC Flyway	Property	FA-1	Air	Outdoor	Stationary	Field Sample				8/1/2002	< 0.002	0.00423				0.00423	0.00423		0.00423		0.00423		0.00423		0.00423		0.00423		0.00423		0.00423
1R-14882		KDC Flyway	Property	FA-1	Air	Outdoor	Stationary	Field Sample				8/1/2002	< 0.002	0.00281				0.00281	0.00281		0.00281		0.00281		0.00281		0.00281		0.00281		0.00281		0.00281
1R-14913		KDC Flyway	Property	FA-1	Air	Outdoor	Stationary	Field Sample				8/1/2002	< 0.002	0.00415				0.00415	0.00415		0.00415		0.00415										

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Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post	Vol (mL)	Area (ducm <sup>2</sup> )	Sample Date	Fibers/CC	PCM (METHOD NIOSH 7400)	AHERA / ASTM 5755										Total Asbestos							
															Filter Status Non Analyzed	Poisson Concentration Confidence Interval (90% Confidence Interval on Concentration)		Libby Amphiboles (LA)		Chrysotile (C)		Other Amphiboles (OA)		Asbestos Type Identified	Total Asbestos							
																Lower Bound	Upper Bound	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	S<5u	S>5u		Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>3</sup> )		
FL-00149		KDC Flyway	Field	North of perimeter near fence post	Air	Outdoor	Stationary	Field Sample	Pre	1.48	7/23/2004		0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475
FL-00150		KDC Flyway	Field	West of perimeter near fence post	Air	Outdoor	Stationary	Field Sample	Pre	1.71	7/23/2004		0	0	0.00432	< 0.00432	0	0	0.00432	< 0.00432	0	0	0.00432	< 0.00432	0	0	0.00432	< 0.00432	0	0	0.00432	< 0.00432
FL-00151		KDC Flyway	Field	South of property near private housing on fence	Air	Outdoor	Stationary	Field Sample	Pre	10.1	7/23/2004		0	0	0.00488	< 0.00488	0	0	0.00488	< 0.00488	0	0	0.00488	< 0.00488	0	0	0.00488	< 0.00488	0	0	0.00488	< 0.00488
FL-00152		KDC Flyway	Field	East of perimeter along highway off of fence post	Air	Outdoor	Stationary	Field Sample	Pre	10.9	7/23/2004		0	0	0.00454	< 0.00454	0	0	0.00454	< 0.00454	0	0	0.00454	< 0.00454	0	0	0.00454	< 0.00454	0	0	0.00454	< 0.00454
FL-00154	Truck Operator	KDC Flyway	Field	Grid D4	Air	Outdoor	Personal	Field Sample	Pre	6.17	7/23/2004		0.03	0.00475		0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	
FL-00155	Truck Operator	KDC Flyway	Field	Grid D4	Air	Outdoor	Personal	Field Sample	Pre	1.0	7/23/2004		0.058	0.00475		0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	
FL-00156	Truck Operator	KDC Flyway	Field	Grid D4	Air	Outdoor	Personal	Field Sample	Pre	1.0	7/23/2004		0.12	0.00475		0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	
FL-00158	Water Hose Operator	KDC Flyway	Field	Grid D4	Air	Outdoor	Personal	Field Sample	Pre	1.0	7/23/2004		0.054	0.00475		0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	
FL-00159	Water Hose Operator	KDC Flyway	Field	Grid D4	Air	Outdoor	Personal	Field Sample	Pre	1.0	7/23/2004		0.008	0.00475		0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	
FL-00164		KDC Flyway	Field	South of perimeter north of office trailer on	Air	Outdoor	Stationary	Field Sample	Pre	5.95	7/23/2004		0	0	0.00498	< 0.00498	0	0	0.00498	< 0.00498	0	0	0.00498	< 0.00498	0	0	0.00498	< 0.00498	0	0	0.00498	< 0.00498
FL-00165		KDC Flyway	Field	South of property near private housing on fence	Air	Outdoor	Stationary	Field Sample	Pre	5.72	7/23/2004		0	0	0.00469	< 0.00469	0	0	0.00469	< 0.00469	0	0	0.00469	< 0.00469	0	0	0.00469	< 0.00469	0	0	0.00469	< 0.00469
FL-00166		KDC Flyway	Field	North of perimeter near fence post	Air	Outdoor	Stationary	Field Sample	Pre	12.82	7/23/2004		0	0	0.00469	< 0.00469	0	0	0.00469	< 0.00469	0	0	0.00469	< 0.00469	0	0	0.00469	< 0.00469	0	0	0.00469	< 0.00469
FL-00167		KDC Flyway	Field	West of perimeter near tree branch	Air	Outdoor	Stationary	Field Sample	Pre	13.59	7/23/2004		0	0	0.00436	< 0.00436	0	0	0.00436	< 0.00436	0	0	0.00436	< 0.00436	0	0	0.00436	< 0.00436	0	0	0.00436	< 0.00436
FL-00168		KDC Flyway	Field	South of property near private housing	Air	Outdoor	Stationary	Field Sample	Pre	12.83	7/23/2004		0	0	0.00426	< 0.00426	0	0	0.00426	< 0.00426	0	0	0.00426	< 0.00426	0	0	0.00426	< 0.00426	0	0	0.00426	< 0.00426
FL-00169		KDC Flyway	Field	East of perimeter along highway 37 on fence post	Air	Outdoor	Stationary	Field Sample	Pre	12.40	7/23/2004		0	0	0.00478	< 0.00478	0	0	0.00478	< 0.00478	0	0	0.00478	< 0.00478	0	0	0.00478	< 0.00478	0	0	0.00478	< 0.00478
FL-00170		KDC Flyway	Field	South of perimeter north of office trailer on	Air	Outdoor	Stationary	Field Sample	Pre	12.66	7/23/2004		0	0	0.00468	< 0.00468	0	0	0.00468	< 0.00468	0	0	0.00468	< 0.00468	0	0	0.00468	< 0.00468	0	0	0.00468	< 0.00468
FL-00172	Truck Operator	KDC Flyway	Field	Grid D5 & C2	Air	Outdoor	Personal	Field Sample	Pre	6.25	7/23/2004		0.085	0.00475		0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	
FL-00173	Truck Operator	KDC Flyway	Field	Grid D5 & C2	Air	Outdoor	Personal	Field Sample	Pre	6.0	7/23/2004		0.033	0.00475		0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	
FL-00174	Truck Operator	KDC Flyway	Field	Grid D5 & C2	Air	Outdoor	Personal	Field Sample	Pre	2.91	7/23/2004		0.014	0.00475		0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	
FL-00175	Truck Operator	KDC Flyway	Field	Grid D5 & C2	Air	Outdoor	Personal	Field Sample	Pre	6.01	7/23/2004		0.007	0.00475		0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	
FL-00176	Truck Operator	KDC Flyway	Field	Grid D5 & C2	Air	Outdoor	Personal	Field Sample	Pre	9.1	7/23/2004		0.003	0.00475		0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	
FL-00177	Truck Operator	KDC Flyway	Field	Grid D5 & C2	Air	Outdoor	Personal	Field Sample	Pre	8.4	7/23/2004		0.009	0.00475		0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	
FL-00187		KDC Flyway	Field	North perimeter	Air	Outdoor	Stationary	Field Sample	Pre	12.10	7/23/2004		0	0	0.00490	< 0.00490	0	0	0.00490	< 0.00490	0	0	0.00490	< 0.00490	0	0	0.00490	< 0.00490	0	0	0.00490	< 0.00490
FL-00188		KDC Flyway	Field	West perimeter	Air	Outdoor	Stationary	Field Sample	Pre	12.93	7/23/2004		0	0	0.00456	< 0.00456	0	0	0.00456	< 0.00456	0	0	0.00456	< 0.00456	0	0	0.00456	< 0.00456	0	0	0.00456	< 0.00456
FL-00189		KDC Flyway	Field	South of property near private housing	Air	Outdoor	Stationary	Field Sample	Pre</																							

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Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (mL) Area (durometer)	Sample Date	Fibers/CC	PCM (METHOD-NIOSH 7400)	AHERA / ASTM 5735												Total Asbestos								
														Filter Status Non Analyzed	Poisson Concentration Confidence Interval (90% Confidence Interval on Concentration)		Libby Amphiboles (LA)				Chrysotile (C)				Other Amphiboles (OA)				Asbestos Type Identified	S+Su	S+Su	Asb conc (Air = S/cc or Dust = S/cm <sup>3</sup> )		
															Lower Bound	Upper Bound	S+Su	S+Su	Analytical Sensitivity (Air = S/cc or Dust = S/cm <sup>3</sup> )	Asb conc (Air = S/cc or Dust = S/cm <sup>3</sup> )	S+Su	S+Su	Analytical Sensitivity (Air = S/cc or Dust = S/cm <sup>3</sup> )	Asb conc (Air = S/cc or Dust = S/cm <sup>3</sup> )	S+Su		S+Su	Analytical Sensitivity (Air = S/cc or Dust = S/cm <sup>3</sup> )					Asb conc (Air = S/cc or Dust = S/cm <sup>3</sup> )	
FL-00483		KDC Flyway	Field	East perimeter	Air	Outdoor	Stationary	Field Sample	Pre	1247	8/19/2004				0	0	0.00375	0	0	0.00375	0	0	0.00375	0	0	0.00375	0	0	0	0	0	0	0	
FL-00484		KDC Flyway	Field	South perimeter north of office trailer	Air	Outdoor	Stationary	Field Sample	Pre	1200	8/19/2004				0	0	0.00456	0	0	0.00456	0	0	0.00456	0	0	0.00456	0	0	0	0	0	0	0	
FL-00485	Truck Operator	KDC Flyway	Field	East perimeter	Air	Outdoor	Personal	Field Sample	Pre	528	8/19/2004	0.05			0	0	0.00375	0	0	0.00375	0	0	0.00375	0	0	0.00375	0	0	0	0	0	0	0	
FL-00487	Truck Operator	KDC Flyway	Field	East perimeter	Air	Outdoor	Personal	Field Sample	Pre	31	8/19/2004	0.096			0	0	0.00375	0	0	0.00375	0	0	0.00375	0	0	0.00375	0	0	0	0	0	0	0	
FL-00488	Truck Operator	KDC Flyway	Field	East perimeter	Air	Outdoor	Personal	Field Sample	Pre	903	8/19/2004	0.012			0	0	0.00375	0	0	0.00375	0	0	0.00375	0	0	0.00375	0	0	0	0	0	0	0	
FL-00489	Hay Layer	KDC Flyway	Field	East perimeter	Air	Outdoor	Personal	Field Sample	Pre	721	8/19/2004	0.004			0	0	0.00375	0	0	0.00375	0	0	0.00375	0	0	0.00375	0	0	0	0	0	0	0	
FL-00490	Hay Layer	KDC Flyway	Field	East perimeter	Air	Outdoor	Personal	Field Sample	Pre	88	8/19/2004	0.058			0	0	0.00375	0	0	0.00375	0	0	0.00375	0	0	0.00375	0	0	0	0	0	0	0	
FL-00491	Hay Layer	KDC Flyway	Field	East perimeter	Air	Outdoor	Personal	Field Sample	Pre	449	8/19/2004	0.01			0	0	0.00375	0	0	0.00375	0	0	0.00375	0	0	0.00375	0	0	0	0	0	0	0	
FL-00496		KDC Flyway	Field	North perimeter	Air	Outdoor	Stationary	Field Sample	Pre	1256	8/20/2004				0	0	0.00472	0	0	0.00472	0	0	0.00472	0	0	0.00472	0	0	0	0	0	0	0	
FL-00497		KDC Flyway	Field	East perimeter	Air	Outdoor	Stationary	Field Sample	Pre	1239	8/20/2004				0	0	0.00460	0	0	0.00460	0	0	0.00460	0	0	0.00460	0	0	0	0	0	0	0	
FL-00498		KDC Flyway	Field	South of property near private housing	Air	Outdoor	Stationary	Field Sample	Pre	1266	8/20/2004				0	0	0.00468	0	0	0.00468	0	0	0.00468	0	0	0.00468	0	0	0	0	0	0	0	
FL-00499		KDC Flyway	Field	East perimeter	Air	Outdoor	Stationary	Field Sample	Pre	1202	8/20/2004				0	0	0.00378	0	0	0.00378	0	0	0.00378	0	0	0.00378	0	0	0	0	0	0	0	
FL-00500		KDC Flyway	Field	South perimeter north of office trailer	Air	Outdoor	Stationary	Field Sample	Pre	1203	8/20/2004				0	0	0.00454	0	0	0.00454	0	0	0.00454	0	0	0.00454	0	0	0	0	0	0	0	
FL-00502	Excavator Operator	KDC Flyway	Field	Grids F5	Air	Outdoor	Personal	Field Sample	Pre	706	8/20/2004	0.015			0	0	0.00454	0	0	0.00454	0	0	0.00454	0	0	0.00454	0	0	0	0	0	0	0	
FL-00503	Excavator Operator	KDC Flyway	Field	Grids F6	Air	Outdoor	Personal	Field Sample	Pre	73	8/20/2004	0.037			0	0	0.00454	0	0	0.00454	0	0	0.00454	0	0	0.00454	0	0	0	0	0	0	0	
FL-00504	Excavator Operator	KDC Flyway	Field	Grids F3	Air	Outdoor	Personal	Field Sample	Pre	376	8/20/2004	0.007			0	0	0.00462	0	0	0.00462	0	0	0.00462	0	0	0.00462	0	0	0	0	0	0	0	0
FL-00505	Water Haul Operator	KDC Flyway	Field	Grids F4	Air	Outdoor	Personal	Field Sample	Pre	733	8/20/2004	0.016			0	0	0.00404	0	0	0.00404	0	0	0.00404	0	0	0.00404	0	0	0	0	0	0	0	
FL-00506	Water Haul Operator	KDC Flyway	Field	Grids F4	Air	Outdoor	Personal	Field Sample	Pre	423	8/20/2004	0.038			0	0	0.00404	0	0	0.00404	0	0	0.00404	0	0	0.00404	0	0	0	0	0	0	0	
FL-00507	Water Haul Operator	KDC Flyway	Field	Grids F5	Air	Outdoor	Personal	Field Sample	Pre	1634	8/20/2004	0.006			0	0	0.00474	0	0	0.00474	0	0	0.00474	0	0	0.00474	0	0	0	0	0	0	0	
FL-00509		KDC Flyway	Field	North perimeter	Air	Outdoor	Stationary	Field Sample	Pre	1281	8/21/2004				0	0	0.00462	0	0	0.00462	0	0	0.00462	0	0	0.00462	0	0	0	0	0	0	0	
FL-00510		KDC Flyway	Field	South of property near private housing	Air	Outdoor	Stationary	Field Sample	Pre	1273	8/21/2004				0	0	0.00460	0	0	0.00460	0	0	0.00460	0	0	0.00460	0	0	0	0	0	0	0	
FL-00511		KDC Flyway	Field	North perimeter	Air	Outdoor	Stationary	Field Sample	Pre	1233	8/21/2004				0	0	0.00470	0	0	0.00470	0	0	0.00470	0	0	0.00470	0	0	0	0	0	0	0	
FL-00512		KDC Flyway	Field	South of property near private housing	Air	Outdoor	Stationary	Field Sample	Pre	1250	8/21/2004				0	0	0.00460	0	0	0.00460	0	0	0.00460	0	0	0.00460	0	0	0	0	0	0	0	
FL-00513		KDC Flyway	Field	North perimeter	Air	Outdoor	Stationary	Field Sample	Pre	1250	8/21/2004				0	0	0.00470	0	0	0.00470	0	0	0.00470	0	0	0.00470	0	0	0	0	0	0	0	
FL-00514		KDC Flyway	Field	West perimeter	Air	Outdoor	Stationary	Field Sample	Pre	1258	8/21/2004				0	0	0.00460	0	0	0.00460	0	0	0.00460	0	0	0.00460	0	0	0	0	0	0	0	
FL-00515		KDC Flyway	Field	South of property near private housing	Air	Outdoor	Stationary	Field Sample	Pre	1232	8/21/2004				0	0	0.00481	0	0	0.00481	0	0	0.00481	0	0	0.00481	0	0	0	0	0	0	0	
FL-00516		KDC Flyway	Field	East perimeter	Air	Outdoor	Stationary	Field Sample	Pre	1232	8/21/2004				0	0	0.00431	0	0	0.00431	0	0	0.00431	0	0	0.00431	0	0	0	0	0	0	0	
FL-00517		KDC Flyway	Field	South perimeter north of office trailer	Air	Outdoor	Stationary	Field Sample	Pre	1302	8/21/2004				0	0	0.00448	0	0	0.00448	0	0	0.00448	0	0	0.00448	0	0	0	0	0	0	0	
FL-00521	Excavator Operator	KDC Flyway	Field	Grids F6	Air	Outdoor	Personal	Field Sample	Pre	38	8/21/2004	0.046			0	0	0.00474	0	0															

Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (air-L) (dust-cm <sup>3</sup> )	Sample Date	PCM (METHOD NIOSH 7400)	AHERA / ASTM 5755																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
													Filter Status Non Analyzed	Poisson Concentration Confidence Interval (90% Confidence Interval on Concentration)		Libby Amphiboles (LA)			Chrysotile (C)			Other Amphiboles (OA)			Total Asbestos																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
														Lower Bound	Upper Bound	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	Asbestos Type Identified	S<5u	S>5u	Asb conc (Air = S/cc) or (Dust = S/cm <sup>3</sup> )																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
FL-00634		KDC Flyway	Field	East perimeter	As	Outdoor	Stationary	Field Sample	Pre	1290	9/2/2004																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (L) / Area (durometer)	Sample Date	Fibers/CC	PCM (METHOD - NIOSH 7400)	AHERA / ASTM 5755																		
														Filter Status Non Analyzed	Poisson Concentration Confidence Interval (90% Confidence Interval on Concentration)		Libby Amphiboles (LA)				Chrysotile (C)				Other Amphiboles (OA)				Total Asbestos			
															Lower Bound	Upper Bound	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm²)	Asb conc (Air = S/cc) or (Dust = S/cm²)	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm²)	Asb conc (Air = S/cc) or (Dust = S/cm²)	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm²)	Asb conc (Air = S/cc) or (Dust = S/cm²)	Asbestos Type Identified	S<5u	S>5u	Asb conc (Air = S/cc) or (Dust = S/cm²)
FL-00802		KDC Flyway	Field	North perimeter	Air	Outdoor	Stationary	Field Sample	Pre	1.21	9/17/2004				0	0	0.00448	< 0.00448	0	0	0.00448	< 0.00448	0	0	0.00448	< 0.00448	0	0	< 0.00448	100683		
FL-00803		KDC Flyway	Field	West perimeter	Air	Outdoor	Stationary	Field Sample	Pre	1.97	9/17/2004				0	0	0.00460	< 0.00460	0	0	0.00460	< 0.00460	0	0	0.00460	< 0.00460	0	0	< 0.00460	100684		
FL-00804		KDC Flyway	Field	South of property near private housing	Air	Outdoor	Stationary	Field Sample	Pre	1.74	9/17/2004				0	0	0.00420	< 0.00420	0	0	0.00420	< 0.00420	0	0	0.00420	< 0.00420	0	0	< 0.00420	100685		
FL-00805		KDC Flyway	Field	East perimeter	Air	Outdoor	Stationary	Field Sample	Pre	1.31	9/17/2004				0	0	0.00444	< 0.00444	0	0	0.00444	< 0.00444	0	0	0.00444	< 0.00444	0	0	< 0.00444	100686		
FL-00806		KDC Flyway	Field	South perimeter north of office trailer	Air	Outdoor	Stationary	Field Sample	Pre	1.76	9/17/2004				0	0	0.00444	< 0.00444	0	0	0.00444	< 0.00444	0	0	0.00444	< 0.00444	0	0	< 0.00444	100687		
FL-00808	Truck Operator	KDC Flyway	Field	Grids H5 & H6	Air	Outdoor	Personal	Field Sample	NA	6.66	9/17/2004	0.04					0	0.00430	< 0.00430	0	0	0.00430	< 0.00430	0	0	0.00430	< 0.00430	0	0	< 0.00430	100688	
FL-00809	Truck Operator	KDC Flyway	Field	Grids H5 & H6	Air	Outdoor	Personal	Field Sample	NA	4.4	9/17/2004	0.17					0	0.00430	< 0.00430	0	0	0.00430	< 0.00430	0	0	0.00430	< 0.00430	0	0	< 0.00430	100689	
FL-00810	Truck Operator	KDC Flyway	Field	Grids H5 & H6	Air	Outdoor	Personal	Field Sample	NA	3.94	9/17/2004	0.057					0	0.00430	< 0.00430	0	0	0.00430	< 0.00430	0	0	0.00430	< 0.00430	0	0	< 0.00430	100690	
FL-00811	Decon Operator	KDC Flyway	Field	Grids H5 & H6	Air	Outdoor	Personal	Field Sample	NA	7.80	9/17/2004	< 0.003					0	0.00430	< 0.00430	0	0	0.00430	< 0.00430	0	0	0.00430	< 0.00430	0	0	< 0.00430	100691	
FL-00812	Decon Operator	KDC Flyway	Field	Grids H5 & H6	Air	Outdoor	Personal	Field Sample	NA	1.15	9/17/2004	< 0.023					0	0.00430	< 0.00430	0	0	0.00430	< 0.00430	0	0	0.00430	< 0.00430	0	0	< 0.00430	100692	
FL-00813	Decon Operator	KDC Flyway	Field	Grids H5 & H6	Air	Outdoor	Personal	Field Sample	NA	2.90	9/17/2004	< 0.007					0	0.00430	< 0.00430	0	0	0.00430	< 0.00430	0	0	0.00430	< 0.00430	0	0	< 0.00430	100693	
FL-00825		KDC Flyway	Field	North perimeter	Air	Outdoor	Stationary	Field Sample	Pre	1.373	9/20/2004				0	0	0.00431	< 0.00431	0	0	0.00431	< 0.00431	0	0	0.00431	< 0.00431	0	0	< 0.00431	100694		
FL-00827		KDC Flyway	Field	West perimeter	Air	Outdoor	Stationary	Field Sample	Pre	1.405	9/20/2004				0	0	0.00421	< 0.00421	0	0	0.00421	< 0.00421	0	0	0.00421	< 0.00421	0	0	< 0.00421	100695		
FL-00828		KDC Flyway	Field	South of property near private housing	Air	Outdoor	Stationary	Field Sample	Pre	1.410	9/20/2004				0	0	0.00420	< 0.00420	0	0	0.00420	< 0.00420	0	0	0.00420	< 0.00420	0	0	< 0.00420	100696		
FL-00829		KDC Flyway	Field	East perimeter	Air	Outdoor	Stationary	Field Sample	Pre	1.373	9/20/2004				0	0	0.00431	< 0.00431	0	0	0.00431	< 0.00431	0	0	0.00431	< 0.00431	0	0	< 0.00431	100697		
FL-00830		KDC Flyway	Field	South perimeter North of office trailer	Air	Outdoor	Stationary	Field Sample	Pre	1.410	9/20/2004				0	0	0.00420	< 0.00420	0	0	0.00420	< 0.00420	0	0	0.00420	< 0.00420	0	0	< 0.00420	100698		
FL-00832	Excavator Operator	KDC Flyway	Field	Grids H5 & H6	Air	Outdoor	Personal	Field Sample	NA	5.60	9/20/2004	0.01					0	0.00420	< 0.00420	0	0	0.00420	< 0.00420	0	0	0.00420	< 0.00420	0	0	< 0.00420	100699	
FL-00833	Excavator Operator	KDC Flyway	Field	Grids H5 & H6	Air	Outdoor	Personal	Field Sample	NA	8.0	9/20/2004	0.050					0	0.00420	< 0.00420	0	0	0.00420	< 0.00420	0	0	0.00420	< 0.00420	0	0	< 0.00420	100700	
FL-00834	Excavator Operator	KDC Flyway	Field	Grid H6 & H5	Air	Outdoor	Personal	Field Sample	NA	4.32	9/20/2004	< 0.006					0	0.00420	< 0.00420	0	0	0.00420	< 0.00420	0	0	0.00420	< 0.00420	0	0	< 0.00420	100701	
FL-00835	Water Hose Operator	KDC Flyway	Field	Grid H6 & H5	Air	Outdoor	Personal	Field Sample	NA	6.72	9/20/2004	0.011					0	0.00420	< 0.00420	0	0	0.00420	< 0.00420	0	0	0.00420	< 0.00420	0	0	< 0.00420	100702	
FL-00836	Water Hose Operator	KDC Flyway	Field	Grid H6 & H5	Air	Outdoor	Personal	Field Sample	NA	5.8	9/20/2004	< 0.027					0	0.00420	< 0.00420	0	0	0.00420	< 0.00420	0	0	0.00420	< 0.00420	0	0	< 0.00420	100703	
FL-00837	Water Hose Operator	KDC Flyway	Field	Grid H6 & H5	Air	Outdoor	Personal	Field Sample	NA	3.51	9/20/2004	0.013					0	0.00420	< 0.00420	0	0	0.00420	< 0.00420	0	0	0.00420	< 0.00420	0	0	< 0.00420	100704	
FL-00839		KDC Flyway	Field	North perimeter	Air	Outdoor	Stationary	Field Sample	Pre	1.223	9/21/2004				0	0	0.00455	< 0.00455	0	0	0.00455	< 0.00455	0	0	0.00455	< 0.00455	0	0	< 0.00455	100705		
FL-00840		KDC Flyway	Field	West perimeter	Air	Outdoor	Stationary	Field Sample	Pre	1.200	9/21/2004				0	0	0.00456	< 0.00456	0	0	0.00456	< 0.00456	0	0	0.00456	< 0.00456	0	0	< 0.00456	100706		
FL-00841		KDC Flyway	Field	South of property near private housing	Air	Outdoor	Stationary	Field Sample	Pre	1.200	9/21/2004				0	0	0.00438	< 0.00438	0	0	0.00438	< 0.00438	0	0	0.00438	< 0.00438	0	0	< 0.00438	100707		
FL-00842		KDC Flyway	Field	East perimeter	Air	Outdoor	Stationary	Field Sample	Pre	1.287	9/21/2004				0	0	0.00460	< 0.00460	0	0	0.00460	< 0.00460	0	0	0.00460	< 0.00460	0	0	< 0.00460	100708		
FL-00843		KDC Flyway	Field	South perimeter North of office trailer	Air	Outdoor	Stationary	Field Sample	Pre	1.329	9/21/2004				0	0	0.00446	< 0.00446	0	0	0.00446	< 0.00446	0	0	0.00446	< 0.00446	0	0	< 0.00446	100709		
FL-00845	Excavator Operator	KDC Flyway	Field	Grid H6, H7 & H7	Air	Outdoor	Personal	Field Sample	NA	3.84	9/21/2004	0.016					0	0.00446	< 0.00446	0	0	0.00446</										

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Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post	Vol (air=L)/ Area (dust=cm²)	Sample Date	Fibers/CC	PCM (METHOD - NIOSH 7400)	AHERA / ASTM 5755												Asbestos Type Identified	Total Asbestos		Asb conc (Air = S/cc) or (Dust = S/cm²)				
														Polisson Concentration Confidence Interval (90% Confidence Interval on Concentration)		Libby Amphiboles (LA)				Chrysotile (C)				Other Amphiboles (OA)				Asbestos Type Identified		S<5u	S>5u	Asb conc (Air = S/cc) or (Dust = S/cm²)	
														Lower Bound	Upper Bound	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm²)	Asb conc (Air = S/cc) or (Dust = S/cm²)	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm²)	Asb conc (Air = S/cc) or (Dust = S/cm²)	S<5u	S>5u		Analytical Sensitivity (Air = S/cc) or (Dust = S/cm²)						Asb conc (Air = S/cc) or (Dust = S/cm²)
FL-01163		KDC Flyway	Field	West perimeter	Ar	Outdoor	Stationary	Field Sample	Pre	1262	10/15/2004			0	0	0.00469	< 0.00469	0	0	0.00469	< 0.00469	0	0	0.00469	< 0.00469	0	0	< 0.00470	102662				
FL-01164		KDC Flyway	Field	South of property near private housing	Ar	Outdoor	Stationary	Field Sample	Pre	1266	10/15/2004			0	0	0.00434	< 0.00434	0	0	0.00434	< 0.00434	0	0	0.00434	< 0.00434	0	0	< 0.00430	102135				
FL-01165		KDC Flyway	Field	Wind perimeter	Ar	Outdoor	Stationary	Field Sample	Pre	1201	10/15/2004			0	0	0.00462	< 0.00462	0	0	0.00462	< 0.00462	0	0	0.00462	< 0.00462	0	0	< 0.00460	102136				
FL-01166		KDC Flyway	Field	South perimeter north of office trailer	Ar	Outdoor	Stationary	Field Sample	Pre	1277	10/15/2004			0	0	0.00464	< 0.00464	0	0	0.00464	< 0.00464	0	0	0.00464	< 0.00464	0	0	< 0.00460	102137				
FL-01168	Truck Operator	KDC Flyway	Field	Grid G-4 & G-5	Ar	Outdoor	Personnel	Field Sample	N/A	502	10/15/2004	0.06																					
FL-01171	Truck Operator	KDC Flyway	Field	Grid G-4 & G-5	Ar	Outdoor	Personnel	Field Sample	N/A	641	10/15/2004	0.11		4	3	0.06216	0.43514	0	0	0.06216	< 0.06216	0	0	0.06216	< 0.06216	4	3	0.43514	102139				
FL-01173	Truck Operator	KDC Flyway	Field	Grid G-4 & G-5	Ar	Outdoor	Personnel	Field Sample	N/A	626	10/15/2004	0.017		1	2	0.06365	0.19096	0	0	0.06365	< 0.06365	0	0	0.06365	< 0.06365	1	2	0.19096	102140				
FL-01175		KDC Flyway	Field	North perimeter	Ar	Outdoor	Stationary	Field Sample	Pre	1247	10/18/2004			0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	< 0.00470	101873				
FL-01176		KDC Flyway	Field	Wind perimeter	Ar	Outdoor	Stationary	Field Sample	Pre	1218	10/18/2004			0	0	0.00486	< 0.00486	0	0	0.00486	< 0.00486	0	0	0.00486	< 0.00486	0	0	< 0.00490	101874				
FL-01177		KDC Flyway	Field	South of property near private housing	Ar	Outdoor	Stationary	Field Sample	Pre	1272	10/18/2004			0	0	0.00466	< 0.00466	0	0	0.00466	< 0.00466	0	0	0.00466	< 0.00466	0	0	< 0.00470	101875				
FL-01178		KDC Flyway	Field	East perimeter	Ar	Outdoor	Stationary	Field Sample	Pre	1216	10/18/2004			0	0	0.00487	< 0.00487	0	0	0.00487	< 0.00487	0	0	0.00487	< 0.00487	0	0	< 0.00490	101876				
FL-01179		KDC Flyway	Field	South perimeter north of office trailer	Ar	Outdoor	Stationary	Field Sample	Pre	1278	10/18/2004			0	0	0.00463	< 0.00463	0	0	0.00463	< 0.00463	0	0	0.00463	< 0.00463	0	0	< 0.00460	101877				
FL-01181	Excavator Operator	KDC Flyway	Field	Grid G-4 & G-5	Ar	Outdoor	Personnel	Field Sample	N/A	558	10/18/2004	0.013																					
FL-01182	Excavator Operator	KDC Flyway	Field	Grid G-4 & G-5	Ar	Outdoor	Personnel	Field Sample	N/A	82	10/18/2004	0.026																					
FL-01183	Excavator Operator	KDC Flyway	Field	Grid G-4 & G-5	Ar	Outdoor	Personnel	Field Sample	N/A	486	10/18/2004	0.009																					
FL-01184	Water Hose Operator	KDC Flyway	Field	Grid G-4 & G-5	Ar	Outdoor	Personnel	Field Sample	N/A	619	10/18/2004	0.009																					
FL-01185	Water Hose Operator	KDC Flyway	Field	Grid G-4 & G-5	Ar	Outdoor	Personnel	Field Sample	N/A	91	10/18/2004	< 0.03																					
FL-01186	Water Hose Operator	KDC Flyway	Field	Grid G-4 & G-5	Ar	Outdoor	Personnel	Field Sample	N/A	586	10/18/2004	0.018																					
FL-01194		KDC Flyway	Field	North perimeter	Ar	Outdoor	Stationary	Field Sample	Pre	1292	10/19/2004			0	0	0.00458	< 0.00458	0	0	0.00458	< 0.00458	0	0	0.00458	< 0.00458	0	0	< 0.00460	102197				
FL-01195		KDC Flyway	Field	West perimeter	Ar	Outdoor	Stationary	Field Sample	Pre	1289	10/19/2004			0	0	0.00460	< 0.00460	0	0	0.00460	< 0.00460	0	0	0.00460	< 0.00460	0	0	< 0.00460	102198				
FL-01196		KDC Flyway	Field	South of property near private housing	Ar	Outdoor	Stationary	Field Sample	Pre	1324	10/19/2004			0	0	0.00447	< 0.00447	0	0	0.00447	< 0.00447	0	0	0.00447	< 0.00447	0	0	< 0.00450	102258				
FL-01197		KDC Flyway	Field	East perimeter	Ar	Outdoor	Stationary	Field Sample	Pre	1322	10/19/2004			0	0	0.00448	< 0.00448	0	0	0.00448	< 0.00448	0	0	0.00448	< 0.00448	0	0	< 0.00450	102259				
FL-01198		KDC Flyway	Field	South perimeter north of office trailer	Ar	Outdoor	Stationary	Field Sample	Pre	1314	10/19/2004			0	0	0.00451	< 0.00451	0	0	0.00451	< 0.00451	0	0	0.00451	< 0.00451	0	0	< 0.00450	102260				
FL-01200	Excavator Operator	KDC Flyway	Field	Grid G-4 & G-5	Ar	Outdoor	Personnel	Field Sample	N/A	396	10/19/2004	< 0.037																					
FL-01201	Excavator Operator	KDC Flyway	Field	Grid G-4 & G-5	Ar	Outdoor	Personnel	Field Sample	N/A	92	10/19/2004	< 0.029																					
FL-01202	Excavator Operator	KDC Flyway	Field	Grid G-4 & G-5	Ar	Outdoor	Personnel	Field Sample	N/A	334	10/19/2004	0.003																					
FL-01203	Water Hose Operator	KDC Flyway	Field	Grid G-4 & G-5	Ar	Outdoor	Personnel	Field Sample	N/A	473	10/19/2004	0.031																					
FL-01204	Water Hose Operator	KDC Flyway	Field	Grid G-4 & G-5	Ar	Outdoor	Personnel	Field Sample	N/A	122	10/19/2004	0.03																					
FL-01205	Water Hose Operator	KDC Flyway	Field	Grid G-4 & G-5	Ar	Outdoor	Personnel	Field Sample	N/A	679	10/19/2004	0.073																					
FL-01221		KDC Flyway	Field	East perimeter	Ar	Outdoor	Stationary	Field Sample	Pre	1420	10/20/2004			0	0	0.00472	< 0.00472	0	0	0.00472	< 0.00472	0	0	0.00472	< 0.00472	0	0	< 0.00470	102200				
FL-01222		KDC Flyway	Field	West perimeter	Ar	Outdoor	Stationary	Field Sample	Pre	1293	10/20/2004			0	0	0.00471	< 0.00471	0	0	0.00471	< 0.00471	0	0	0.00471	< 0.00471	0	0	< 0.00470	102201				
FL-0																																	

Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (air/L) Area (dust/cm <sup>2</sup> )	Sample Date	Fibers/CC	PCM (MEHQ - NIOSH 7400)	AHERA / ASTM 5735																		
														Filter Status Non Analyzed	Poisson Concentration Confidence Interval (90% Confidence Interval on Concentration)		Libby Amphiboles (LA)			Chrysotile (C)			Other Amphiboles (OA)			Total Asbestos						
															Lower Bound	Upper Bound	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>2</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>2</sup> )	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>2</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>2</sup> )	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>2</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>2</sup> )	Asbestos Type Identified	S<5u	S>5u	Asb conc (Air = S/cc) or (Dust = S/cm <sup>2</sup> )
FL-01346	Excavator Operator	KDC Flyway	Field	South perimeter north of office trailer	Air	Outdoor	Stationary	Field Sample	Pre	1257	10/20/2004	10	0.026	0	0	0.00438	< 0.00438	0	0	0.00438	< 0.00438	0	0	0.00438	< 0.00438	0	0	< 0.00440	103460			
FL-01348	Excavator Operator	KDC Flyway	Field	Road	Air	Outdoor	Stationary	Field Sample	Pre	1256	10/20/2004	10	0.026	0	0	0.00438	< 0.00438	0	0	0.00438	< 0.00438	0	0	0.00438	< 0.00438	0	0	< 0.00440	103461			
FL-01349	Excavator Operator	KDC Flyway	Field	Road	Air	Outdoor	Stationary	Field Sample	Pre	1256	10/20/2004	10	0.026	0	0	0.00438	< 0.00438	0	0	0.00438	< 0.00438	0	0	0.00438	< 0.00438	0	0	< 0.00440	103462			
FL-01350	Excavator Operator	KDC Flyway	Field	Road	Air	Outdoor	Stationary	Field Sample	Pre	1256	10/20/2004	10	0.026	0	0	0.00438	< 0.00438	0	0	0.00438	< 0.00438	0	0	0.00438	< 0.00438	0	0	< 0.00440	103463			
FL-01351	Water Hose Operator	KDC Flyway	Field	Road	Air	Outdoor	Stationary	Field Sample	Pre	1256	10/20/2004	10	0.026	0	0	0.00438	< 0.00438	0	0	0.00438	< 0.00438	0	0	0.00438	< 0.00438	0	0	< 0.00440	103464			
FL-01352	Water Hose Operator	KDC Flyway	Field	Road	Air	Outdoor	Stationary	Field Sample	Pre	1256	10/20/2004	10	0.026	0	0	0.00438	< 0.00438	0	0	0.00438	< 0.00438	0	0	0.00438	< 0.00438	0	0	< 0.00440	103465			
FL-01353	Water Hose Operator	KDC Flyway	Field	Road	Air	Outdoor	Stationary	Field Sample	Pre	1256	10/20/2004	10	0.026	0	0	0.00438	< 0.00438	0	0	0.00438	< 0.00438	0	0	0.00438	< 0.00438	0	0	< 0.00440	103466			
1R-15349		Ranch Creek Bank (Lower Ranch)	Property	East end exclusion zone	Air	Outdoor	Stationary	Field Sample	Pre	1689	9/24/2002	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1R-15350		Ranch Creek Bank (Lower Ranch)	Property	Northwest side exclusion zone	Air	Outdoor	Stationary	Field Sample	Pre	1542	9/24/2002	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1R-15351		Ranch Creek Bank (Lower Ranch)	Property	Northwest side exclusion zone	Air	Outdoor	Stationary	Field Sample	Pre	1596	9/24/2002	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1R-15352		Ranch Creek Bank (Lower Ranch)	Property	West end exclusion zone	Air	Outdoor	Stationary	Field Sample	Pre	1632	9/24/2002	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1R-15353		Ranch Creek Bank (Lower Ranch)	Property	Southwest side exclusion zone	Air	Outdoor	Stationary	Field Sample	Pre	1584	9/24/2002	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1R-15354		Ranch Creek Bank (Lower Ranch)	Property	Southwest side exclusion zone	Air	Outdoor	Stationary	Field Sample	Pre	1523	9/24/2002	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1R-15374		Ranch Creek Bank (Lower Ranch)	Property	East end exclusion zone	Air	Outdoor	Stationary	Field Sample	Pre	1252	9/23/2002	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1R-15375		Ranch Creek Bank (Lower Ranch)	Property	Northwest side exclusion zone	Air	Outdoor	Stationary	Field Sample	Pre	1266	9/23/2002	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1R-15376		Ranch Creek Bank (Lower Ranch)	Property	Northwest side exclusion zone	Air	Outdoor	Stationary	Field Sample	Pre	1260	9/23/2002	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1R-15377		Ranch Creek Bank (Lower Ranch)	Property	West end exclusion zone	Air	Outdoor	Stationary	Field Sample	Pre	1246	9/23/2002	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1R-15378		Ranch Creek Bank (Lower Ranch)	Property	Southwest side exclusion zone	Air	Outdoor	Stationary	Field Sample	Pre	1277	9/23/2002	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1R-15379		Ranch Creek Bank (Lower Ranch)	Property	Southwest side exclusion zone	Air	Outdoor	Stationary	Field Sample	Pre	1200	9/23/2002	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1R-15424		Ranch Creek Bank (Lower Ranch)	Property	West end exclusion zone	Air	Outdoor	Stationary	Field Sample	Pre	1511	9/25/2002	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1R-15425		Ranch Creek Bank (Lower Ranch)	Property	Southwest exclusion zone	Air	Outdoor	Stationary	Field Sample	Pre	1503	9/23/2002	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1R-15426		Ranch Creek Bank (Lower Ranch)	Property	Southwest exclusion zone	Air	Outdoor	Stationary	Field Sample	Pre	1494	9/23/2002	10	0	0	0	0	0.0028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1R-15427		Ranch Creek Bank (Lower Ranch)	Property	East end exclusion zone	Air	Outdoor	Stationary	Field Sample	Pre	1530	9/25/2002	10	0	0	0	0	0.0109	0.0109	0	0.0027	0	0	0	0	0	0	0	0	0	0	0	0
1R-15428		Ranch Creek Bank (Lower Ranch)	Property	Northwest exclusion zone	Air	Outdoor	Stationary	Field Sample	Pre	1498	9/25/2002	10	0.0028	0	0	0.0028	0	0.0028	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1R-15429		Ranch Creek Bank (Lower Ranch)	Property	Northwest side exclusion zone	Air	Outdoor	Stationary	Field Sample	Pre	1503	9/25/2002	10	0	0	0	0	0.0028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1R-15445		Ranch Creek Bank (Lower Ranch)	Property	East end of exclusion zone	Air	Outdoor	Stationary	Field Sample	Pre	1507	9/26/2002	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1R-15446		Ranch Creek Bank (Lower Ranch)	Property	Northwest side exclusion zone	Air	Outdoor	Stationary	Field Sample	Pre	1507	9/26/2002	10	0	0	0	0	0.0046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1R-15447		Ranch Creek Bank (Lower Ranch)	Property	Northwest side exclusion zone	Air	Outdoor	Stationary	Field Sample	Pre	1510	9/26/2002	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1R-15448		Ranch Creek Bank (Lower Ranch)	Property	West end of exclusion zone	Air	Outdoor	Stationary	Field Sample	Pre	1513	9/26/2002	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1R-15449		Ranch Creek Bank (Lower Ranch)	Property	Southwest side of exclusion zone	Air	Outdoor	Stationary	Field Sample	Pre	1501	9/26/2002	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1R-15450		Ranch Creek Bank (Lower Ranch)	Property	Southwest side of exclusion zone	Air	Outdoor	Stationary	Field Sample	Pre	1527	9/26/2002	10	0	0	0	0	0.0023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1R-15455		Ranch Creek Bank (																														



Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (air/L) Area (dust/cm <sup>2</sup> )	Sample Date	PCM (METHOD) - NIOSH 7400	Fiber Status Non Analyzed	AHERA / ASTM 5755										Total Asbestos			
														Poisson Concentration Confidence Interval (90% Confidence Interval on Concentration)		Libby Amphiboles (LA)			Chrysotile (C)		Other Amphiboles (OA)			Total Asbestos			
														Lower Bound	Upper Bound	S<Su	S>Su	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>2</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>2</sup> )	S<Su	S>Su	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>2</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>2</sup> )	Asbestos Type Identified	S<Su	S>Su	Asb conc (Air = S/cc) or (Dust = S/cm <sup>2</sup> )
1R-15427		Ramy Creek Bank (Lower Reach)	Property	East end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1530	9/25/2002							0.00458		0.00458			0.00458	0	0	< 0.00458	35321
1R-15428		Ramy Creek Bank (Lower Reach)	Property	Northwest side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1498	9/25/2002			3	0	0.00498	0.01494		0.00498			0.00498		3	0	0.01494	35323
1R-15429		Ramy Creek Bank (Lower Reach)	Property	Northwest side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1503	9/25/2002			0	1	0.00496	0.00496		0.00496			0.00496		0	1	0.00496	35324
1R-15436	Large excavator	Ramy Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	436	9/26/2002	0.01															35939
1R-15440	Large excavator	Ramy Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	438	9/26/2002	0.012															38941
1R-15442	Large excavator	Ramy Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	58	9/26/2002	< 0.046															38943
1R-15445		Ramy Creek Bank (Lower Reach)	Property	East end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1607	9/26/2002			2	0	0.00454	0.00929		0.00454			0.00454		2	0	0.00929	41401
1R-15446		Ramy Creek Bank (Lower Reach)	Property	North east side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1507	9/26/2002					0.00495			0.00495			0.00495		0	0	< 0.00495	41479
1R-15447		Ramy Creek Bank (Lower Reach)	Property	Northwest side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1510	9/26/2002					0.00494			0.00494			0.00494		0	0	< 0.00494	41402
1R-15448		Ramy Creek Bank (Lower Reach)	Property	West end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1516	9/26/2002					0.00492			0.00492			0.00492		0	0	< 0.00492	41403
1R-15449		Ramy Creek Bank (Lower Reach)	Property	South west side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1501	9/26/2002					0.00497			0.00497			0.00497		0	0	< 0.00497	41404
1R-15450		Ramy Creek Bank (Lower Reach)	Property	South east side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1527	9/26/2002					0.00489			0.00489			0.00489		0	0	< 0.00489	41405
1R-15453		Ramy Creek Bank (Lower Reach)	Property	East end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1450	9/27/2002					0.00412			0.00412			0.00412		0	0	< 0.00412	35357
1R-15454		Ramy Creek Bank (Lower Reach)	Property	North east side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1447	9/27/2002					0.00413			0.00413			0.00413		0	0	< 0.00413	35358
1R-15455		Ramy Creek Bank (Lower Reach)	Property	North west side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1447	9/27/2002					0.00413			0.00413			0.00413		0	0	< 0.00413	35359
1R-15456		Ramy Creek Bank (Lower Reach)	Property	West end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1450	9/27/2002					0.00412			0.00412			0.00412		0	0	< 0.00412	35360
1R-15457		Ramy Creek Bank (Lower Reach)	Property	South west side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1453	9/27/2002					0.00411			0.00411			0.00411		0	0	< 0.00411	35361
1R-15458		Ramy Creek Bank (Lower Reach)	Property	South east side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1447	9/27/2002					0.00413			0.00413			0.00413		0	0	< 0.00413	35362
1R-15581		Ramy Creek Bank (Lower Reach)	Property	West end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1381	9/30/2002					0.00432			0.00432			0.00432		0	0	< 0.00432	35217
1R-15582		Ramy Creek Bank (Lower Reach)	Property	South west side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1378	9/30/2002					0.00433			0.00433			0.00433		0	0	< 0.00433	35218
1R-15583		Ramy Creek Bank (Lower Reach)	Property	South east side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1403	9/30/2002			0	1	0.00425	0.00425		0.00425			0.00425		0	1	0.00425	35219
1R-15584		Ramy Creek Bank (Lower Reach)	Property	East ZNA of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1329	9/30/2002					0.00449			0.00449			0.00449		0	0	< 0.00449	35220
1R-15585		Ramy Creek Bank (Lower Reach)	Property	North east side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1400	9/30/2002					0.00426			0.00426			0.00426		0	0	< 0.00426	35222
1R-15586		Ramy Creek Bank (Lower Reach)	Property	Northwest side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1378	9/30/2002					0.00433			0.00433			0.00433		0	0	< 0.00433	35223
1R-15591	Small excavator	Ramy Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	454	10/1/2002	< 0.006															34051
1R-15592	Small excavator	Ramy Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	342	10/1/2002	< 0.008															34000
1R-15593	Small excavator	Ramy Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	66	10/1/2002	< 0.041															34001
1R-15596		Ramy Creek Bank (Lower Reach)	Property	West end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1494	10/1/2002					0.00400			0.00400			0.00400		0	0	< 0.00400	35227
1R-15597		Ramy Creek Bank (Lower Reach)	Property	Southwest side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1500	10/1/2002					0.00497			0.00497			0.00497		0	0	< 0.00497	35228
1R-15598		Ramy Creek Bank (Lower Reach)	Property	South east side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1493	10/1/2002					0.00407			0.00407			0.00407		0	0	< 0.00407	35230
1R-15599		Ramy Creek Bank (Lower Reach)	Property	East end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1403	10/1/2002					0.00402			0.00402			0.00402		0	0	< 0.00402	35231
1R-15600		Ramy Creek Bank (Lower Reach)	Property	North East side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1477	10/1/2002					0.00404			0.00404			0.00404		0	0	< 0.00404	35232
1R-15606	Excavator	Ramy Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	433	9/28/2002	< 0.006															33956
1R-15607	Excavator	Ramy Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	214	9/28/2002	< 0.013															33957
1R-15608	Excavator	Ramy Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	73	9/28/2002	< 0.037															33958
1R-15611		Ramy Creek Bank (Lower Reach)	Property	West end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1330	9/28/2002					0.00446			0.00446			0.00446		0	0	< 0.00446	35377
1R-15612		Ramy Creek Bank (Lower Reach)	Property	Southwest side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1311	9/28/2002					0.00455			0.00455			0.00455		0	0	< 0.00455	35379
1R-15613		Ramy Creek Bank (Lower Reach)	Property	South East side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1344	9/28/2002					0.00444			0.00444			0.00444		0	0	< 0.00444	35380
1R-15614		Ramy Creek Bank (Lower Reach)	Property	East side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1316	9/28/2002					0.00454			0.00454			0.00454		0	0	< 0.00454	35381
1R-15615		Ramy Creek Bank (Lower Reach)	Property	North east side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1314	9/28/2002					0.00454			0.00454			0.00454		0	0	< 0.00454	35382
1R-15616		Ramy Creek Bank (Lower Reach)	Property	Northwest side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1337	9/28/2002					0.00448			0.00448			0.00448		0	0	< 0.00448	35383
1R-15619		Ramy Creek Bank (Lower Reach)	Property	West end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1491	10/1/2002					0.00400			0.00400			0.00400		0	0	< 0.00400	35233
1R-15761		Ramy Creek Bank (Lower Reach)	Property	East end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1533	10/2/2002					0.00487			0.00487			0.00487		0	0	< 0.00487	35565
1R-15762		Ramy Creek Bank (Lower Reach)	Property	Northwest end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1477	10/2/2002					0.00404			0.00404			0.00404		0	0	< 0.00404	35566
1R-15763		Ramy Creek Bank (Lower Reach)	Property	Northwest end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1471	10/2/2002					0.00406			0.00406			0.00406		0	0	< 0.00406	35567
1R-15764		Ramy Creek Bank (Lower Reach)	Property	West end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1471	10/2/2002					0.00406			0.00406			0.00406		0	0	< 0.00406	35568
1R-15765		Ramy Creek Bank (Lower Reach)	Property	Southwest side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1474	10/2/2002					0.00405			0.00405			0.00405		0	0	< 0.00405	35569
1R-15766		Ramy Creek Bank (Lower Reach)	Property	Southeast side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1474	10/2/2002					0.00405			0.00405			0.00405		0	0	< 0.00405	35571
1R-15771	Engineer	Ramy Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	341	10/2/2002	< 0.008															34055
1R-15773	Engineer	Ramy Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	66	10/2/2002	< 0.041															34056
1R-15778		Ramy Creek Bank (Lower Reach)	Property	East side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1395	10/4/2002			0	0	0.00428	< 0.00428		0.00428			0.00428		0	0	< 0.00428	41434
1R-15779		Ramy Creek Bank (Lower Reach)	Property	North east side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1412	10/4/2002					0.00423			0.00423			0.00423		0	0	< 0.00423	41435
1R-15780		Ramy Creek Bank (Lower Reach)	Property	Northwest side of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1398	10/4/2002					0.00427			0.00427			0.00427		0	0	< 0.00427	41436

Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (air/L) Area (dust/cm <sup>2</sup> )	Sample Date	Fibers/CC	PCM (METHOD - NIOSH 7400)	AHERA / ASTM 5755																		
														Filter Status Non Analyzed	Poisson Concentration Confidence Interval (90% Confidence Interval on Concentration)		Libby Amphiboles (LA)				Chrysotile (C)				Other Amphiboles (OA)				Total Asbestos			
															Lower Bound	Upper Bound	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>2</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>2</sup> )	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>2</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>2</sup> )	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>2</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>2</sup> )	Asbestos Type Identified	S<5u	S>5u	Asb conc (Air = S/cc) or (Dust = S/cm <sup>2</sup> )
1R-15781		Ramy Creek Bank (Lower Reach)	Property	West end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1471	10/3/2002							0.00406			0.00406		0	0	< 0.00406	35577						
1R-15782		Ramy Creek Bank (Lower Reach)	Property	Southwest end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1536	10/3/2002							0.00466			0.00466		0	0	< 0.00466	35711						
1R-15783		Ramy Creek Bank (Lower Reach)	Property	Northwest end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1474	10/3/2002							0.00405			0.00405		0	0	< 0.00405	36125						
1R-15784		Ramy Creek Bank (Lower Reach)	Property	West end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1459	10/3/2002							0.00409			0.00409		0	0	< 0.00409	35578						
1R-15785		Ramy Creek Bank (Lower Reach)	Property	Southwest end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1554	10/3/2002							0.00480			0.00480		0	0	< 0.00480	35579						
1R-15786		Ramy Creek Bank (Lower Reach)	Property	Southwest end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1542	10/3/2002							0.00484			0.00484		0	0	< 0.00484	35580						
1R-15789	Engineer/ Surveyor	Ramy Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	257	10/3/2002		0.015													34465						
1R-15790	Engineer/ Surveyor	Ramy Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	277	10/3/2002		0.037													34466						
1R-15791	Engineer/ Surveyor	Ramy Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	70	10/3/2002		0.137													34467						
1R-15796		Ramy Creek Bank (Lower Reach)	Primary	West end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1383	10/4/2002							0.00432			0.00432		0	0	< 0.00432	41437						
1R-15797		Ramy Creek Bank (Lower Reach)	Property	Southwest end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1389	10/4/2002							0.00430			0.00430		0	0	< 0.00430	41438						
1R-15798		Ramy Creek Bank (Lower Reach)	Property	Southwest end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1392	10/4/2002							0.00429			0.00429		0	0	< 0.00429	41439						
1R-15821		Ramy Creek Bank (Lower Reach)	Property	West end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1396	10/7/2002							0.00428			0.00428		0	0	< 0.00428	35589						
1R-15822		Ramy Creek Bank (Lower Reach)	Property	North end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1393	10/7/2002							0.00428			0.00428		0	0	< 0.00428	35590						
1R-15823		Ramy Creek Bank (Lower Reach)	Property	West end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1384	10/7/2002							0.00438			0.00438		0	0	< 0.00438	35591						
1R-15824		Ramy Creek Bank (Lower Reach)	Property	West end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1336	10/7/2002							0.00447			0.00447		0	0	< 0.00447	35592						
1R-15827	Large excavator	Ramy Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	433	10/8/2002		0.026													34607						
1R-15828	Large excavator	Ramy Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	353	10/8/2002		0.035													34608						
1R-15829	Large excavator	Ramy Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	65	10/8/2002		0.068													34609						
1R-15833	Small excavator	Ramy Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	417	10/9/2002		< 0.006													35802						
1R-15834	Small excavator	Ramy Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	335	10/9/2002		< 0.008													35803						
1R-15835	Small excavator	Ramy Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	61	10/9/2002		< 0.044													35804						
1R-15841		Ramy Creek Bank (Lower Reach)	Property	West end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1375	10/8/2002							0.00434			0.00434		0	0	< 0.00434	35445						
1R-15842		Ramy Creek Bank (Lower Reach)	Property	North end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1375	10/8/2002							0.00434			0.00434		0	0	< 0.00434	35446						
1R-15843		Ramy Creek Bank (Lower Reach)	Property	South end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1257	10/8/2002							0.00441			0.00441		0	0	< 0.00441	35447						
1R-15844		Ramy Creek Bank (Lower Reach)	Property	East end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1266	10/8/2002							0.00437			0.00437		0	0	< 0.00437	35448						
1R-15845		Ramy Creek Bank (Lower Reach)	Roadway	Clean room	Air	Indoor	Stationary	Field Sample	N/A	1250	10/8/2002							0.00439			0.00439		0	0	< 0.00439	35449						
1R-15846		Ramy Creek Bank (Lower Reach)	Roadway	NAFU	Air	Outdoor	Stationary	Field Sample	N/A	1320	10/8/2002							0.00452			0.00452		0	0	< 0.00452	35450						
1R-15854		Ramy Creek Bank (Lower Reach)	Property	West end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1435	10/9/2002							0.00416			0.00416		0	0	< 0.00416	35612						
1R-15855		Ramy Creek Bank (Lower Reach)	Property	Southwest end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1420	10/9/2002							0.00420			0.00420		0	0	< 0.00420	35613						
1R-15856		Ramy Creek Bank (Lower Reach)	Property	South end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1415	10/9/2002				2	1	0.00422	0.01266		0.00422		2	1	0.01266	35614							
1R-15857		Ramy Creek Bank (Lower Reach)	Property	East end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1432	10/9/2002							0.00417			0.00417		0	0	< 0.00417	35615						
1R-15868		Ramy Creek Bank (Lower Reach)	Property	West end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1425	10/10/2002							0.00419			0.00419		0	0	< 0.00419	35617						
1R-15869		Ramy Creek Bank (Lower Reach)	Property	North end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1332	10/10/2002							0.00429			0.00429		0	0	< 0.00429	35618						
1R-15870		Ramy Creek Bank (Lower Reach)	Property	South end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1263	10/10/2002				1	0	0.00438	0.00438		0.00438		1	0	0.00438	35619							
1R-15871		Ramy Creek Bank (Lower Reach)	Property	East end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1270	10/10/2002				0	0	0.00429	< 0.00429	0	0	0.00429	< 0.00429	0	0	< 0.00429	72396						
1R-15872		Ramy Creek Bank (Lower Reach)	Roadway	Clean room	Air	Indoor	Stationary	Field Sample	N/A	1187	10/10/2002				0	0	0.00430	< 0.00430	0	0	0.00430	< 0.00430	0	0	< 0.00430	72397						
1R-15873		Ramy Creek Bank (Lower Reach)	Roadway	NAFU	Air	Outdoor	Stationary	Field Sample	N/A	1237	10/10/2002				0	0	0.00430	< 0.00430	0	0	0.00430	< 0.00430	0	0	< 0.00430	72398						
1R-15876	Water Hose Operator	Ramy Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	625	10/10/2002		0.004													35820						
1R-15877	Water Hose Operator	Ramy Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	72	10/10/2002		< 0.037													35821						
1R-15941		Ramy Creek Bank (Lower Reach)	Property	West end of exclusion zone	Air	Outdoor	Stationary	Field Sample	N/A	1378	10/11/2002							0.00433			0.00433		0	0</								

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Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (air=LY) Area (dust=cm²)	Sample Date	Fibers/CC	PCM (METHOD - NIOSH 7400)	AHERA / ASTM 5755																	
														Filter Status Non Analyzed	Posson Concentration Confidence Interval (90% Confidence Interval on Concentration)		Libby Amphiboles ( LA )		Chrysotile ( C )		Other Amphiboles ( OA )		Total Asbestos								
															Lower Bound	Upper Bound	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm³)	Asb conc (Air = S/cc) or (Dust = S/cm³)	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm³)	Asb conc (Air = S/cc) or (Dust = S/cm³)	S<5u	S>5u	Asbestos Type Identified	S<5u	S>5u	Asb conc (Air = S/cc) or (Dust = S/cm³)	
1R-33825	Operator	Ramsey Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	760	10/5/2005	0.005																			113488
1R-33826	Laborer	Ramsey Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	74	10/5/2005	< 0.029																			113489
1R-33827	Laborer	Ramsey Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	638	10/5/2005	0.15			0	0	0.06245	< 0.06245	0	0	0.06245	< 0.06245	0	0	0.06245	< 0.06245	0	0	< 0.06200	114602	114016
1R-33828	Laborer	Ramsey Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	760	10/5/2005	0.608			1	3	0.13107	0.52429	0	0	0.13107	< 0.13107	0	0	0.13107	< 0.13107	1	3	0.52429	114603	114018
1R-36121	Water Truck Driver	Ramsey Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	81	6/1/2006	0.064			0	0	0.03656	< 0.03656	0	0	0.03656	< 0.03656	0	0	0.03656	< 0.03656	0	0	< 0.03656	136631	138626
1R-36348	Laborer	Ramsey Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	67	6/19/2006	0.062																			129129
1R-36351	Laborer	Ramsey Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	63	6/19/2006	0.058																			129130
1R-39453	Operator	Ramsey Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	60	10/27/2006	< 0.045																			142411
1R-39454	Operator	Ramsey Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	239	10/27/2006	0.1																			142412
1R-39455	Operator	Ramsey Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	258	10/27/2006	< 0.01																			142413
1R-39456	Laborer	Ramsey Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	60	10/27/2006	0.049																			142414
1R-39457	Laborer	Ramsey Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	220	10/27/2006	0.21																			142415
1R-39458	Laborer	Ramsey Creek Bank (Lower Reach)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	238	10/27/2006	0.034																			142416
1R-21104	Property	Ramsey Creek Rd (N Frontage)	Property	W of EZ	Air	Outdoor	Stationary	Field Sample	N/A	1241	11/4/2003				0	0	0.00477	< 0.00477	0	0	0.00477	< 0.00477	0	0	0.00477	< 0.00477	0	0	< 0.00477		67019
1R-21110	Property	Ramsey Creek Rd (N Frontage)	Property	N of EZ	Air	Outdoor	Stationary	Field Sample	N/A	820	11/4/2003				0	0	0.00394	< 0.00394	0	0	0.00394	< 0.00394	0	0	0.00394	< 0.00394	0	0	< 0.00394		67059
1R-21111	Property	Ramsey Creek Rd (N Frontage)	Property	E of EZ	Air	Outdoor	Stationary	Field Sample	N/A	1101	11/4/2003				0	0	0.00448	< 0.00448	0	0	0.00448	< 0.00448	0	0	0.00448	< 0.00448	0	0	< 0.00448		67060
1R-21112	Property	Ramsey Creek Rd (N Frontage)	Property	S of EZ	Air	Outdoor	Stationary	Field Sample	N/A	1072	11/4/2003				0	0	0.00460	< 0.00460	0	0	0.00460	< 0.00460	0	0	0.00460	< 0.00460	0	0	< 0.00460		67061
1R-21113	Property	Ramsey Creek Rd (N Frontage)	Property	W of EZ	Air	Outdoor	Stationary	Field Sample	N/A	1050	11/4/2003		Dumpled		0	0	< 0	0	0	0	< 0	0	0	0	< 0	0	0	0	0	< 0	67062
1R-24131	Property	Ramsey Creek Rd (N Frontage)	Property	N of EZ	Air	Outdoor	Stationary	Field Sample	N/A	1112	11/4/2003				0	0	0.00444	< 0.00444	0	0	0.00444	< 0.00444	0	0	0.00444	< 0.00444	0	0	< 0.00444		67035
1R-24132	Property	Ramsey Creek Rd (N Frontage)	Property	E of EZ	Air	Outdoor	Stationary	Field Sample	N/A	1129	11/4/2003				0	2	0.00437	0.00874	0	0	0.00437	< 0.00437	0	0	0.00437	< 0.00437	0	2	0.00874		67036
1R-24134	Property	Ramsey Creek Rd (N Frontage)	Property	W of EZ	Air	Outdoor	Stationary	Field Sample	N/A	1088	11/4/2003				0	0	0.00454	< 0.00454	0	0	0.00454	< 0.00454	0	0	0.00454	< 0.00454	0	0	< 0.00454		67037
1R-24161	Property	Ramsey Creek Rd (N Frontage)	Property	N of EZ	Air	Outdoor	Stationary	Field Sample	N/A	1283	11/4/2003				0	0	0.00462	< 0.00462	0	0	0.00462	< 0.00462	0	0	0.00462	< 0.00462	0	0	< 0.00462		67102
1R-24162	Property	Ramsey Creek Rd (N Frontage)	Property	E of EZ	Air	Outdoor	Stationary	Field Sample	N/A	1270	11/4/2003				0	0	0.00466	< 0.00466	0	0	0.00466	< 0.00466	0	0	0.00466	< 0.00466	0	0	< 0.00466		67103
1R-24163	Property	Ramsey Creek Rd (N Frontage)	Property	S of EZ	Air	Outdoor	Stationary	Field Sample	N/A	1230	11/4/2003		Dumpled		0	0	< 0	0	0	0	< 0	0	0	0	< 0	0	0	0	0	< 0	67104
1R-24164	Property	Ramsey Creek Rd (N Frontage)	Property	W of EZ	Air	Outdoor	Stationary	Field Sample	N/A	801	11/4/2003				0	0	0.00462	< 0.00462	0	0	0.00462	< 0.00462	0	0	0.00462	< 0.00462	0	0	< 0.00462		67105
1R-26301	Property	Ramsey Creek Rd (N Frontage)	Property	SE perimeter area A	Air	Outdoor	Stationary	Field Sample	N/A	1529	8/23/2004				0	0	0.00484	< 0.00484	0	0	0.00484	< 0.00484	0	0	0.00484	< 0.00484	0	0	< 0.00484		99530
1R-26303	Property	Ramsey Creek Rd (N Frontage)	Property	W perimeter area A	Air	Outdoor	Stationary	Field Sample	N/A	1532	8/23/2004				0	0	0.00483	< 0.00483	0	0	0.00483	< 0.00483	0	0	0.00483	< 0.00483	0	0	< 0.00483		99531
1R-26304	Property	Ramsey Creek Rd (N Frontage)	Property	NW perimeter area A	Air	Outdoor	Stationary	Field Sample	N/A	1520	8/23/2004				0	0	0.00484	< 0.00484	0	0	0.00484	< 0.00484	0	0	0.00484	< 0.00484	0	0	< 0.00484		99532
1R-26306	Excavator Operator	Ramsey Creek Rd (N Frontage)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	157	8/23/2004	< 0.017																			99075
1R-26307	Excavator Operator	Ramsey Creek Rd (N Frontage)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	41	8/23/2004	< 0.066																			99076
1R-26308	Property	Ramsey Creek Rd (N Frontage)	Property	SE perimeter area A	Air	Outdoor	Stationary																								

Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (air/Ly Area (duatom))	Sample Date	Fibers/CC	PCN (METHOD - NIOSH 7400)	AHERA / ASTM 5755																	
														Filter Status Non Analyzed	Polisson Concentration Confidence Interval (90% Confidence Interval on Concentration)		Libby Amphiboles (LA)				Chrysotile (C)				Other Amphiboles (OA)				Total Asbestos		
															Lower Bound	Upper Bound	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm³)	Asb conc (Air = S/cc) or (Dust = S/cm³)	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm³)	Asb conc (Air = S/cc) or (Dust = S/cm³)	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm³)	Asb conc (Air = S/cc) or (Dust = S/cm³)	Asbestos Type Identified	S<5u	S>5u
1R-26335		Ram Creek Rd (N Frontage)	Property	per Area A	Air	Outdoor	Stationary	Field Sample	N/A	137.1	8/27/2004				0	1	0.00471	< 0.00471	0	0	0.00471	< 0.00471	0	0	0.00471	< 0.00471	0	1	0.00471	99350	
1R-26336		Ram Creek Rd (N Frontage)	Property	E per Area A	Air	Outdoor	Stationary	Field Sample	N/A	140	8/27/2004				0	0	0.00469	< 0.00469	0	0	0.00469	< 0.00469	0	0	0.00469	< 0.00469	0	0	< 0.00469	99351	
1R-26337		Ram Creek Rd (N Frontage)	Property	Clean room-decontamination area	Air	Indoor	Stationary	Field Sample	N/A	143.1	8/27/2004				0	0	0.00468	< 0.00468	0	0	0.00468	< 0.00468	0	0	0.00468	< 0.00468	0	0	< 0.00468	99352	
1R-26339	Excavator Operator	Ram Creek Rd (N Frontage)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	211	8/27/2004	< 0.012																		99182	
1R-26340	Excavator Operator	Ram Creek Rd (N Frontage)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	149	8/27/2004	< 0.018																		99183	
1R-26341	Excavator Operator	Ram Creek Rd (N Frontage)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	54	8/27/2004	< 0.05																		99184	
1R-26342		Ram Creek Rd (N Frontage)	Property	N/A per Area A	Air	Outdoor	Stationary	Field Sample	N/A	1633	8/30/2004				0	0	0.00440	< 0.00440	0	0	0.00440	< 0.00440	0	0	0.00440	< 0.00440	0	0	< 0.00440	102069	
1R-26343		Ram Creek Rd (N Frontage)	Property	W perimeter Area A	Air	Outdoor	Stationary	Field Sample	N/A	1649	8/30/2004				0	0	0.00449	< 0.00449	0	0	0.00449	< 0.00449	0	0	0.00449	< 0.00449	0	0	< 0.00450	102070	
1R-26344		Ram Creek Rd (N Frontage)	Property	E perimeter Area A	Air	Outdoor	Stationary	Field Sample	N/A	1613	8/30/2004				0	0	0.00451	< 0.00451	0	0	0.00451	< 0.00451	0	0	0.00451	< 0.00451	0	0	< 0.00450	102071	
1R-26345		Ram Creek Rd (N Frontage)	Property	SE perimeter Area A	Air	Outdoor	Stationary	Field Sample	N/A	1718	8/30/2004				0	0	0.00447	< 0.00447	0	0	0.00447	< 0.00447	0	0	0.00447	< 0.00447	0	0	< 0.00450	102072	
1R-26347	Water Hoso Operator	Ram Creek Rd (N Frontage)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	242	8/30/2004	0.022																		99363	
1R-26348	Water Hoso Operator	Ram Creek Rd (N Frontage)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	103	8/30/2004	0.019																		99364	
1R-26349	Water Hoso Operator	Ram Creek Rd (N Frontage)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	64	8/30/2004	< 0.061																		99365	
1R-24226		Ram Creek Rd (N Frontage)	Property	W of E2	Air	Outdoor	Stationary	Field Sample	N/A	1420	11/10/2003				0	0	0.00414	< 0.00414	0	0	0.00414	< 0.00414	0	0	0.00414	< 0.00414	0	0	< 0.00414	67124	
1R-24227		Ram Creek Rd (N Frontage)	Property	E of E4	Air	Outdoor	Stationary	Field Sample	N/A	1418	11/10/2003				0	0	0.00418	< 0.00418	0	0	0.00418	< 0.00418	0	0	0.00418	< 0.00418	0	0	< 0.00418	66784	
1R-24228		Ram Creek Rd (N Frontage)	Property	N of E2	Air	Outdoor	Stationary	Field Sample	N/A	1247	11/10/2003				0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	< 0.00475	69472	
1R-24229		Ram Creek Rd (N Frontage)	Property	W of E2	Air	Outdoor	Stationary	Field Sample	N/A	1461	11/10/2003				0	0	0.00405	< 0.00405	0	0	0.00405	< 0.00405	0	0	0.00405	< 0.00405	0	0	< 0.00405	69473	
1R-24249	Excavator Operator	Ram Creek Rd (N Frontage)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	277	11/11/2003	0.013																		69474	
1R-24250		Ram Creek Rd (N Frontage)	Property	W of E2	Air	Outdoor	Stationary	Field Sample	N/A	1384	11/11/2003				0	0	0.00428	< 0.00428	0	0	0.00428	< 0.00428	0	0	0.00428	< 0.00428	0	0	< 0.00428	69475	
1R-24251		Ram Creek Rd (N Frontage)	Property	N of E2	Air	Outdoor	Stationary	Field Sample	N/A	1503	11/11/2003				0	0	0.00435	< 0.00435	0	0	0.00435	< 0.00435	0	0	0.00435	< 0.00435	0	0	< 0.00435	69719	
1R-24252		Ram Creek Rd (N Frontage)	Property	E of E2	Air	Outdoor	Stationary	Field Sample	N/A	1552	11/11/2003				0	0	0.00477	< 0.00477	0	0	0.00477	< 0.00477	0	0	0.00477	< 0.00477	0	0	< 0.00477	69720	
1R-24253		Ram Creek Rd (N Frontage)	Property	S of E2	Air	Outdoor	Stationary	Field Sample	N/A	1552	11/11/2003				0	0	0.00477	< 0.00477	0	0	0.00477	< 0.00477	0	0	0.00477	< 0.00477	0	0	< 0.00477	69721	
1R-24256		Ram Creek Rd (N Frontage)	Yard	W of E2	Air	Outdoor	Stationary	Field Sample	N/A	1220	11/11/2003				0	0	0.00485	< 0.00485	0	0	0.00485	< 0.00485	0	0	0.00485	< 0.00485	0	0	< 0.00485	74123	
1R-24257		Ram Creek Rd (N Frontage)	Yard	N of E2	Air	Outdoor	Stationary	Field Sample	N/A	1220	11/11/2003				0	0	0.00485	< 0.00485	0	0	0.00485	< 0.00485	0	0	0.00485	< 0.00485	0	0	< 0.00485	69728	
1R-24258		Ram Creek Rd (N Frontage)	Yard	E of E2	Air	Outdoor	Stationary	Field Sample	N/A	1328	11/12/2003				0	0	0.00427	< 0.00427	0	0	0.00427	< 0.00427	0	0	0.00427	< 0.00427	0	0	< 0.00427	120746	
1R-24259		Ram Creek Rd (N Frontage)	Yard	S of E2	Air	Outdoor	Stationary	Field Sample	N/A	1064	11/12/2003				0	0	0.00405	< 0.00405	0	0	0.00405	< 0.00405	0	0	0.00405	< 0.00405	0	0	< 0.00405	69489	
1R-24265		Ram Creek Rd (N Frontage)	Property	W of E2	Air	Outdoor	Stationary	Field Sample	N/A	1471	11/17/2003				0	0	0.00403	< 0.00403	0	0	0.00403	< 0.00403	0	0	0.00403	< 0.00403	0	0	< 0.00403	69490	
1R-24266		Ram Creek Rd (N Frontage)	Property	N of E2	Air	Outdoor	Stationary	Field Sample	N/A	1267	11/17/2003				0	0	0.00467	< 0.00467	0	0	0.00467	< 0.00467	0	0	0.00467	< 0.00467	0	0	< 0.00467	69491	
1R-24267		Ram Creek Rd (N Frontage)	Property	E of E2	Air	Outdoor	Stationary	Field Sample	N/A	1382	11/17/2003				0	0	0.00429	< 0.00429	0	0	0.00429	< 0.00429	0	0	0.00429	< 0.00429	0				

Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (air=L) Area (dust=cm <sup>2</sup> )	Sample Date	Fibers/CC	PCM (NIOSH) NIOSH 7400	AHERA / ASTM 5755																		
														Filter Status Non Analyzed	Poison Concentration Confidence Interval (90% Confidence Interval on Concentration)		Libby Amphiboles (LA)				Chrysotile (C)				Other Amphiboles (OA)				Total Asbestos			
															Lower Bound	Upper Bound	S<Su	S>Su	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>2</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>2</sup> )	S<Su	S>Su	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>2</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>2</sup> )	S<Su	S>Su	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>2</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>2</sup> )	Asbestos Type Identified	S<Su	S>Su	Asb conc (Air = S/cc) or (Dust = S/cm <sup>2</sup> )
1R-26144	Water Hose Operator	Ramy Creek Rd (S Frontage)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	313	8/13/2004	0.042		0	1	0.00315	0.00315	0	0	0.00345	< 0.00345	0	0	0.00345	< 0.00345	0	1	0.00345			12095	
1R-26146	Water Hose Operator	Ramy Creek Rd (S Frontage)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	115	8/13/2004			3	4	0.02629	0.18323	0	0	0.02689	< 0.02689	0	0	0.02689	< 0.02689	3	4	0.18823	98238		99651	
1R-26146	Water Hose Operator	Ramy Creek Rd (S Frontage)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	115	8/13/2004	0.66		6	43	0.02375	1.26187	0	0	0.02575	< 0.02575	0	0	0.02575	< 0.02575	6	43	1.26187	98239		99652	
1R-26147	Water Hose Operator	Ramy Creek Rd (S Frontage)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	171	8/13/2004	0.06		0	0	0.01732	< 0.01732	0	0	0.01732	< 0.01732	0	0	0.01732	< 0.01732	0	0	< 0.01732			99480	
1R-26152		Ramy Creek Rd (S Frontage)	Property	N perimeter	Air	Outdoor	Stationary	Field Sample	N/A	1560	8/18/2004			0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	0.00475	< 0.00475	0	0	< 0.00475			99481	
1R-26153		Ramy Creek Rd (S Frontage)	Property	W perimeter	Air	Outdoor	Stationary	Field Sample	N/A	1545	8/18/2004			0	0	0.00479	< 0.00479	0	0	0.00479	< 0.00479	0	0	0.00479	< 0.00479	0	0	< 0.00479			99482	
1R-26154		Ramy Creek Rd (S Frontage)	Property	S perimeter	Air	Outdoor	Stationary	Field Sample	N/A	1578	8/18/2004			0	0	0.00469	< 0.00469	0	0	0.00469	< 0.00469	0	0	0.00469	< 0.00469	0	0	< 0.00469			99483	
1R-26155		Ramy Creek Rd (S Frontage)	Blank	NA	Air	Outdoor	Stationary	Field Sample	N/A		8/18/2004			0	0	-2.96154		0	0	-2.96154		0	0	-2.96154		0	0				99672	
1R-26156	Laborer	Ramy Creek Rd (S Frontage)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	61	8/18/2004	0.092																			99673	
1R-26157	Laborer	Ramy Creek Rd (S Frontage)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	137	8/18/2004	0.032																			99484	
1R-26159		Ramy Creek Rd (S Frontage)	Property	1R-26159	Air	Outdoor	Stationary	Field Sample	N/A	1633	8/19/2004			0	1	0.00440	0.00440	0	0	0.00440	< 0.00440	0	0	0.00440	< 0.00440	0	1	0.00440			99485	
1R-26160		Ramy Creek Rd (S Frontage)	Property	North fence	Air	Outdoor	Stationary	Field Sample	N/A	2051	8/17/2004			0	0	0.00356	< 0.00356	0	0	0.00356	< 0.00356	0	0	0.00356	< 0.00356	0	0	< 0.00356			99486	
1R-26181		Ramy Creek Rd (S Frontage)	Property	South fence	Air	Outdoor	Stationary	Field Sample	N/A	1658	8/17/2004			0	0	0.00447	< 0.00447	0	0	0.00447	< 0.00447	0	0	0.00447	< 0.00447	0	0	< 0.00447			99487	
1R-26182		Ramy Creek Rd (S Frontage)	Property	East fence	Air	Outdoor	Stationary	Field Sample	N/A	1313	8/17/2004			0	0	0.00403	< 0.00403	0	0	0.00403	< 0.00403	0	0	0.00403	< 0.00403	0	0	< 0.00403			99489	
1R-26183		Ramy Creek Rd (S Frontage)	Property	West fence	Air	Outdoor	Stationary	Field Sample	N/A	1074	8/17/2004			0	1	0.00366	0.00366	0	0	0.00366	< 0.00366	0	0	0.00366	< 0.00366	0	1	0.00366			99490	
1R-26185	Laborer	Ramy Creek Rd (S Frontage)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	357	8/17/2004	0.043																			98662	
1R-26191	Laborer	Ramy Creek Rd (S Frontage)	Blank	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	60	8/17/2004	0.12																			98663	
1R-26192	Laborer	Ramy Creek Rd (S Frontage)	Blank	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	150	8/17/2004	0.19																			98664	
1R-26200		Ramy Creek Rd (S Frontage)	Property	W perimeter	Air	Outdoor	Stationary	Field Sample	N/A	1638	8/19/2004			0	0	0.00452	< 0.00452	0	0	0.00452	< 0.00452	0	0	0.00452	< 0.00452	0	0	< 0.00452			99493	
1R-26201		Ramy Creek Rd (S Frontage)	Property	S perimeter	Air	Outdoor	Stationary	Field Sample	N/A	1638	8/19/2004			0	0	0.00452	< 0.00452	0	0	0.00452	< 0.00452	0	0	0.00452	< 0.00452	0	0	< 0.00452			99494	
1R-26203	Hose Operator	Ramy Creek Rd (S Frontage)	Blank	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	67	8/19/2004	0.062																			100017	
1R-26204	Water Hose Operator	Ramy Creek Rd (S Frontage)	Property	Shoulder	Air	Outdoor	Personal	Field Sample	N/A	125	8/19/2004	0.15																			100018	
1R-26205		Ramy Creek Rd (S Frontage)	Property	E perimeter Area B	Air	Outdoor	Stationary	Field Sample	N/A	1875	8/20/2004			0	0	0.00395	< 0.00395	0	0	0.00395	< 0.00395	0	0	0.00395	< 0.00395	0	0	< 0.00395			99495	
1R-26206		Ramy Creek Rd (S Frontage)	Property	N perimeter Area B	Air	Outdoor	Stationary	Field Sample	N/A	1845	8/20/2004			0	0	0.00401	< 0.00401	0	0	0.00401	< 0.00401	0	0	0.00401	< 0.00401	0	0	< 0.00401			99496	
1R-26207		Ramy Creek Rd (S Frontage)	Property	W perimeter Area B	Air	Outdoor	Stationary	Field Sample	N/A	1452	8/20/2004			0	0	0.00408	< 0.00408	0	0	0.00408	< 0.00408	0	0	0.00408	< 0.00408	0	0	< 0.00408			99497	
1R-26208		Ramy Creek Rd (S Frontage)	Property	S perimeter Area B	Air	Outdoor	Stationary	Field Sample	N/A	1778	8/20/2004			0	0	0.00417	< 0.00417	0	0	0.00417	< 0.00417	0	0	0.00417	< 0.00417	0	0	< 0.00417			99498	

Appendix B - OU2 Lot Blank Data as of October 15, 2007

Note: The report excludes all Lab QC results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

Sample ID	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (air=LY Area (dust=cm <sup>2</sup> )	Sample Date	Grid Open Ings	Filter Status Non Analyzed	ISO Concentrations (Air = structures/cc)(Dust = structures/cm <sup>3</sup> ) (METHOD - ISO 10312)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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**Appendix B**  
**Libby Superfund Site Lot Blank Data of**  
**October 15, 2007**



Appendix B - OU2 Lot Blank Data as of October 15, 2007

Note: The report excludes all Lab QC results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc

Sample ID	Scenario	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (air=L)/ Area (dust=cm²)	Sample Date	PCM (METHOD - NIOSH 7400)	AHERA / ASTM 5755																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
														Fibers/CC	Filter Status Non Analyzed	Libby Amphiboles ( LA )				Chrysotile ( C )				Other Amphiboles ( OA )				Total Asbestos																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
													S<5u			S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm²)	Asb conc (Air = S/cc) or (Dust = S/cm²)	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm²)	Asb conc (Air = S/cc) or (Dust = S/cm²)	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm²)	Asb conc (Air = S/cc) or (Dust = S/cm²)	Asbestos Type Identified	S<5u	S>5u	Asb conc (Air = S/cc) or (Dust = S/cm²)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
1R-05626	N/A		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Lot Blank	N/A		6/27/2001																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

**Appendix C**  
**Operable Unit 2 Field Blank Data as of**  
**October 15, 2007**

The report excludes all Lab QC results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

Server-Database: \\204.47.48.36\Libby2

Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (air/L) Area (dust-cm <sup>2</sup> )	Sample Date	Grid Open Ings	Filter Status Non Analyzed	ISO Concentrations (Air = structures/cc (Dust = structures/cm <sup>3</sup> ) (METHOD - ISO 10312)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
														Libby Amphiboles (LA)							Chrysotile (C)							Other Amphiboles (OA)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
														Excluded Structures			Structures Detected				Excluded Structures			Structures Detected				Excluded Structures			Structures Detected		Total Conc. OA	Total Count OA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
														Aspect Ratio < 5:1	Length < 0.5 u	Dia-meter > 0.5u	Length 0.5 to 5 u	Length 5 to 10 u	Length > 10 u	Total Conc. LA	Total Count LA	Aspect Ratio < 5:1	Length < 0.5 u	Dia-meter > 0.5u	Length 0.5 to 5 u	Length 5 to 10 u	Length > 10 u	Total Conc. C	Total Count C	Aspect Ratio < 5:1	Length < 0.5 u	Dia-meter > 0.5u			Length 0.5 to 5 u	Length 5 to 10 u	Length > 10 u																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
1R-02141		5000 Highway 37 N	Blank	NA	Air	N/A	Personal	Field Blank	N/A		9/22/2000	10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

IndexID values: LIKE "i:r:"

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indexID values LIKE '1: \*

Note: The report excludes all Lab QC results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

Server-Database: \\204.47.48.36\Libby2



IndexID values (like "10" and "11")

indexID values: 115 - 12

Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (air=L) Area (dust=cm²)	Sample Date	AHERA / ASTM 5755																
												PCM (METHOD - NIOSH 7400)	Filter Status Non Analyzed	Libby Amphiboles ( LA )				Chrysotile ( C )				Other Amphiboles ( OA )				Total Asbestos		
														S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm³)	Asb conc (Air = S/cc) or (Dust = S/cm³)	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm³)	Asb conc (Air = S/cc) or (Dust = S/cm³)	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm³)	Asbestos Type Identified	S<5u	S>5u	Asb conc (Air = S/cc) or (Dust = S/cm³)
1R-10865		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		10/22/2001														UNK	0	0	
1R-11947		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		10/13/2001														UNK	0	0	
1R-11974		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		10/15/2001														UNK	0	0	
1R-12000		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		10/16/2001														UNK	0	0	
1R-12035		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		10/17/2001														UNK	0	0	
1R-12070		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		10/18/2001														UNK	0	0	
1R-12101		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		10/19/2001														UNK	0	0	
1R-12417		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		10/20/2001														UNK	0	0	
1R-12446		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		10/22/2001														UNK	0	0	
1R-12451		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		10/20/2001														UNK	0	0	
1R-12478		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		10/23/2001														UNK	0	0	
1R-12482		5000 Highway 37 N	Blank	NA	Air	N/A	Personal	Field Blank	N/A		10/22/2001														UNK	0	0	
1R-12506		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		10/24/2001														UNK	0	0	
1R-12534		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		10/25/2001														UNK	0	0	
1R-12560		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		10/26/2001														UNK	0	0	
1R-12586		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		10/27/2001														UNK	0	0	
1R-12616		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		10/29/2001														UNK	0	0	
1R-12641		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		10/30/2001														UNK	0	0	
1R-12676		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		10/31/2001														UNK	0	0	
1R-13005		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		11/1/2001														UNK	0	0	
1R-13031		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		11/2/2001														UNK	0	0	
1R-13040		5000 Highway 37 N	Blank	NA	Air	N/A	Personal	Field Blank	N/A		11/2/2001														UNK	0	0	
1R-13052		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		11/3/2001														UNK	0	0	
1R-13086		5000 Highway 37 N	Blank	NA	Air	N/A	Personal	Field Blank	N/A		11/5/2001														UNK	0	0	
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1R-13153		5000 Highway 37 N	Blank	NA	Air	N/A	Personal	Field Blank	N/A		11/8/2001														UNK	0	0	
1R-13157		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		11/8/2001														UNK	0	0	
1R-13181		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		11/8/2001														UNK	0	0	
1R-13200		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		11/10/2001														UNK	0	0	
1R-13287		5000 Highway 37 N	Blank	NA	Air	N/A	Personal	Field Blank	Clear		11/2/2001														UNK	0	0	
1R-13504		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		11/12/2001														UNK	0	0	
1R-13515		5000 Highway 37 N	Blank	NA	Air	N/A	Personal	Field Blank	N/A		11/13/2001														UNK	0	0	
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1R-13579		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		11/14/2001														UNK	0	0	
1R-13539		5000 Highway 37 N	Blank	NA	Air	N/A	Personal	Field Blank	N/A		11/14/2001														UNK	0	0	
1R-13555		5000 Highway 37 N	Blank	NA	Air	N/A	Personal	Field Blank	N/A		11/15/2001														UNK	0	0	
1R-13556		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		11/15/2001														UNK	0	0	
1R-13564		5000 Highway 37 N	Blank	NA	Air	N/A	Personal	Field Blank	N/A		11/16/2001														UNK	0	0	
1R-13584		5000 Highway 37 N	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		11/16/2001														UNK	0	0	
1R-13606		5000 Highway 37 N	Blank	NA	Air	N/A	Personal	Field Blank	N/A		11/26/2001														UNK	0	0	
1R-13614		5000 Highway 37 N	Blank	NA	Air	N/A	Personal	Field Blank	N/A		11/27/2001														UNK	0	0	
1R-13710		5000 Highway 37 N	Blank	NA	Air	N/A	Personal	Field Blank</																				

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Server-Database: \\204.47.48.36\Libby2

Sample ID	Task	Property Group (Location)	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Sample Type	Category	Pre Post Clear	Vol (air=LY Area (dust=cm <sup>3</sup> ))	Sample Date	PCM (METHOD - NIOSH 7400)	AHERA / ASTM 5755																					
													Fibers/CC	Filter Status Non Analyzed	Libby Amphiboles ( LA )				Chrysotile ( C )				Other Amphiboles ( OA )				Total Asbestos							
															S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	S<5u	S>5u	Analytical Sensitivity (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	Asb conc (Air = S/cc) or (Dust = S/cm <sup>3</sup> )	Asbestos Type Identified	S<5u	S>5u	Asb conc (Air = S/cc) or (Dust = S/cm <sup>3</sup> )				
FL-01206		KDC Flyway	Blank	Blank	Air	N/A	Personal	Field Blank	N/A		10/19/2004																							
FL-01226		KDC Flyway	Blank	Blank	Air	N/A	Stationary	Field Blank	Pre		10/20/2004				0	0			0	0			0	0						0	0			
FL-01234		KDC Flyway	Blank	NA	Air	N/A	Personal	Field Blank	N/A		10/20/2004																							
FL-01235		KDC Flyway	Blank	NA	Air	N/A	Personal	Field Blank	N/A		10/20/2004																							
FL-01241		KDC Flyway	Blank	NA	Air	N/A	Stationary	Field Blank	Pre		10/21/2004				0	0			0	0			0	0						0	0			
FL-01248		KDC Flyway	Blank	NA	Air	N/A	Personal	Field Blank	N/A		10/21/2004																							
FL-01254		KDC Flyway	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		10/22/2004				0	0			0	0			0	0						0	0			
FL-01261		KDC Flyway	Blank	NA	Air	N/A	Personal	Field Blank	N/A		10/22/2004																							
FL-01274		KDC Flyway	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		10/25/2004				0	0			0	0			0	0						0	0			
FL-01281		KDC Flyway	Blank	NA	Air	N/A	Personal	Field Blank	N/A		10/25/2004																							
FL-01287		KDC Flyway	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		10/26/2004				0	0			0	0			0	0						0	0			
FL-01294		KDC Flyway	Blank	NA	Air	N/A	Personal	Field Blank	N/A		10/26/2004																							
FL-01304		KDC Flyway	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		10/27/2004				0	0			0	0			0	0						0	0			
FL-01311		KDC Flyway	Blank	NA	Air	N/A	Personal	Field Blank	N/A		10/27/2004																							
FL-01329		KDC Flyway	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		10/28/2004				0	0			0	0			0	0						0	0			
FL-01336		KDC Flyway	Blank	NA	Air	N/A	Personal	Field Blank	N/A		10/28/2004																							
FL-01347		KDC Flyway	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		10/29/2004				0	0			0	0			0	0						0	0			
FL-01354		KDC Flyway	Blank	NA	Air	N/A	Personal	Field Blank	N/A		10/29/2004																							
1R-15048		Rainy Creek Bank (Lower Reach)	NA	NA	Air	N/A	Personal	Field Blank	N/A		10/4/2002																							
1R-31129		Rainy Creek Bank (Lower Reach)	Blank	Blank	Air	N/A	Personal	Field Blank	N/A		6/17/2005																							
1R-25795		Rainy Creek Rd (N Frontage)	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		8/16/2004				0	0			0	0			0	0						0	0			
1R-26305		Rainy Creek Rd (N Frontage)	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		8/23/2004				0	0			0	0			0	0						0	0			
1R-26346		Rainy Creek Rd (N Frontage)	Blank	Blank	Air	N/A	Stationary	Field Blank	N/A		5/30/2004				0	0			0	0			0	0						0	0			
1R-24260		Rainy Creek Rd (S Frontage)	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		11/12/2003				0	0			0	0			0	0						0	0			
1R-26145		Rainy Creek Rd (S Frontage)	Blank	NA	Air	N/A	Stationary	Field Blank	N/A		9/13/2004				0	0			0	0			0	0						0	0			
1R-26184		Rainy Creek Rd (S Frontage)	Blank	Blank	Air	N/A	Stationary	Field Blank	N/A		8/17/2004				0	0			0	0			0	0						0	0			

Appendix C - Libby Superfund Site Field Blank Data as of October 15, 2007

Note: The report excludes all Lab QC results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

Sample ID	Sample Group	Location Description (Sub Location)	Matrix	Category	Sample Date	Grid Open Ings	Sample Status Non Analyzed	Water (EPA 100.2)											
								Sensitivity (s/L)	Libby Amphibole ( LA )		Sensitivity (s/L)	Chrysotile ( C )		Sensitivity (s/L)	Other Amphiboles ( OA )				
									ALL (> .5 um)			> 10 um			ALL (> .5 um)		> 10 um		
									Count	Concentration (s/L)		Count	Concentration (s/L)		Count	Concentration (s/L)	Count	Concentration (s/L)	
1-07774	Well Boring	Parker property	Dr Water	Field Blank	3/28/2003	10		0	< 2.2E+05	0	< 2.2E+05	0	< 2.2E+05	0	< 2.2E+05	0	< 2.2E+05	0	< 2.2E+05

**Appendix D**  
**Previously Released EPA-approved**  
**Site Work Plans and Summary Reports**  
**(produced by the Volpe Center and CDM)**



The CD will be included with the Final submittal of the report.